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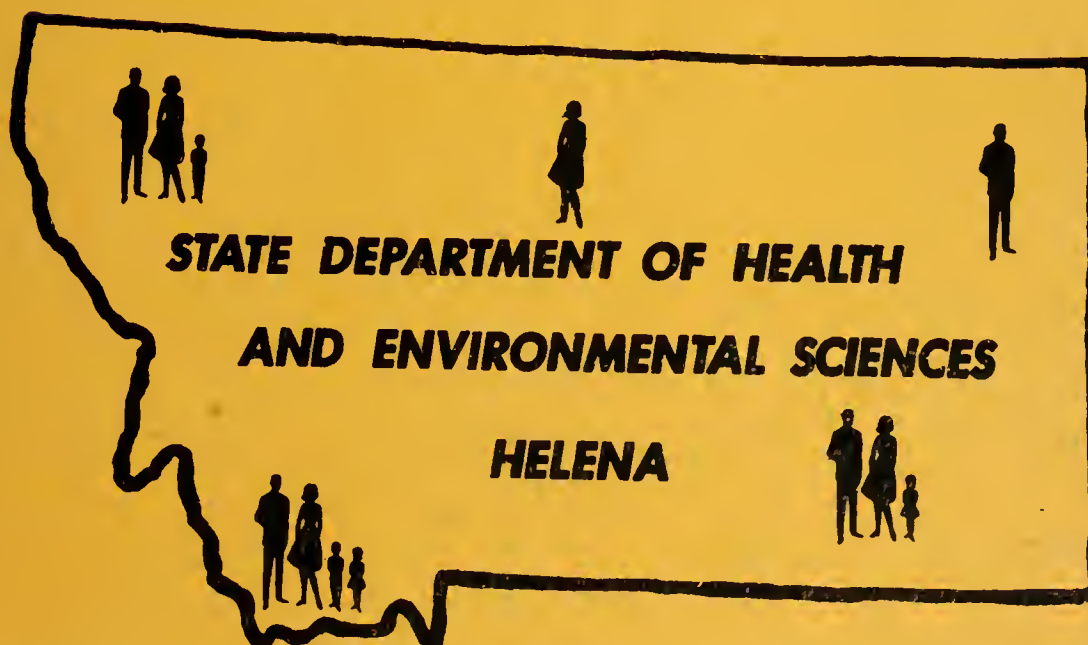
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MONTANA

SEP 12 1972

VITAL STATISTICS

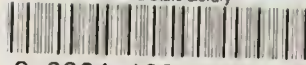
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MONTANA

VITAL STATISTICS

1970

Honorable Forrest H. Anderson
Governor of Montana

John S. Anderson, M.D., M.P.H.
Director
Montana Department of Health and Environmental Sciences

Robert A. James, B.S.
Administrator
Centralized Services Division

John C. Wilson, M.S.
State Registrar

SYMBOLS USED IN THIS REPORT

Quantity is zero in frequency tables (one dash) -
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INTRODUCTION

The purpose of this report is to provide a ready reference of some of the more frequently used vital statistics for Montana. Since the report is primarily intended for reference, analysis and interpretation have been kept to a minimum. Where space permits, the 1970 data are accompanied by figures for the previous year or years so that comparisons may be made. The information published here is limited to that felt to be of general interest. In most cases, more detailed information is available upon request.

The sources of data shown in the tabulations in this report are records collected by the Montana Department of Health and Environmental Sciences. These include certificates of births, deaths and fetal death (stillbirth) and records of marriages, divorces and morbidity.

LIMITATIONS OF THESE DATA

Completeness of Registration and Reporting

Few restrictions need be imposed upon the interpretation of tabulations of birth and death data in this report because of incompleteness. Completeness of birth registration in Montana was tested in 1950 as a part of a nationwide study made by the Bureau of the Census. This showed Montana's registration of births to be 99.5% complete. Registration of deaths is felt to be more complete. A death certificate must be filed in Montana before a permit for burial or removal can be issued.

No measure of the completeness of reporting of fetal deaths (stillbirths) is available. A more important limitation to consider in interpreting data on this subject is: the variation among the several states as to the definition of what constitutes a fetal death.

Original records of marriage and divorce are not filed in this office. The office does file original birth and death certificates. Transcripts, containing selected items of information on the original marriage and divorce records, are made by local clerks of court to be filed at the state level. No formal tests of completeness have been made on this reporting. Experience suggests that marriages and divorces are reported as completely as births and deaths.

Delay in Filing

Very few records are filed for events that occurred in the year covered by this report that are not included in these tabulations. All records for 1970 which were received during that year or by April 15, 1971, are included in this report. Records received after this deadline are not included in these tabulations. Such records constitute a small fraction of one percent of all types of records.

Geographic Allocation

Births and deaths may be tabulated by place of occurrence or by place of

residence of the person involved. For deaths, the place of residence is the usual residence of the decedent. For births, the usual residence of the child is the same as that of the mother.

Interstate exchange of transcripts of certificates for persons whose residence was in a state other than the one in which the event occurred permits tabulation by place of residence. Titles of tables in this report indicate whether the data are by residence or occurrence.

Deaths in hospitals, sanatoria, and other institutions are allocated to the place of previous residence regardless of the length of stay in the institution. This affects the rates for counties with state institutions. For census enumeration purposes, these persons are considered to be residents of the county where the institution is located. For vital statistics purposes, they are considered to be residents of the county where they resided prior to entering the institution. Rates for Deer Lodge County are most affected.

Medical Certification

Causes of death reported on death certificates are classified according to the Eighth Revision of the International Classification of Diseases, Adapted for use in the United States. The coding procedures used in connection with this classification attempt to allocate death to what the attending physician considers to be the underlying cause.

The medical certification section of the Montana Death Certificate serves to obtain information on the causal and chronological sequence of events leading to death. It consists of two parts with space for indicating the interval between onset and death for each condition. Part I is used for reporting the causes leading directly to death. Part II is for reporting any other important diseases or conditions that influenced the course of the illness unfavorably, thus contributing to the fatal outcome, but which were not related to the disease or condition reported as the immediate cause of death. To illustrate, a medical certification might read as follows:

Part I. Death was caused by:

Immediate cause (a) postoperative bronchial pneumonia
Due to (b) lobectomy
Due to (c) primary cancer of lung

Part II.

Hypertensive cardiovascular disease

This death would be assigned to International List rubric 162.1 (Malignant neoplasm of bronchus and lung).

Deaths are classified under this philosophy whenever possible.

Exceptions must be made when the underlying cause is not apparent from the certification and when clarification cannot be secured. In these instances, a system of rules is applied to select the probable underlying cause.

Age and Race

Classification of vital events by age and race introduces difficulties because of incorrect entries.

A common error in the reporting of age is evident in the frequent reporting of ages ending in 0 and 5. Theory suggests this to be due to a tendency for persons to round their ages. In addition, it is felt that persons under 21 and those in the older age groups have a tendency to overstate their age. An attempt has been made in this report to offset some of these difficulties by grouping ages. In this way, the overstatement of ages ending in 0 and 5 is grouped in with the understatement of ages ending in other digits.

The tabulation of vital events by race has limitations where persons of mixed blood are involved. In general, the statement of race on the certificate reflects the opinion of the informant. It does not necessarily follow any prescribed rules for the reporting of race. Information on race presented in this report is shown simply as "white" and "other". This makes it possible to classify all but a few deaths, and there is little confusion with concepts of nationality, country of origin of parents, or other characteristics. In the racial classification used in this report, white includes "Mexican".

Legitimacy

The Montana certificate of live birth does not contain an item regarding the legitimacy status of the child. The regulations of the Montana State Board of Health and Environmental Sciences require that: "If the mother was not married at the time of the birth, and had not been married within ten months of the birth the name of the father must not be entered on the certificate of birth unless accompanied by the written consent of both the mother and the father."

An illegitimate birth can only be inferred from the omission of the father's name on a certificate or for those certificates accompanied by the required affidavits, if the father's name is shown. Individual consideration is given to the legitimacy status to be used for statistical purposes on those certificates where the surname appearing in the mother's signature does not agree with the surname of the father.

Limitations of Small Numbers

The occurrence of events recorded in this publication is subject to chance variation. For example, an infant death at 11:59 P.M. on December 31 would be counted in one year; however, if the infant lived only two minutes longer and died at 12:01, the death would be counted in the following year. This phenomenon is not of great importance for counties with substantial populations since the relative number of infant deaths will not be greatly affected by one event. In the case of counties with small populations, the occurrence of even one event may produce a rate which is well above the average for the state.

When the number of events is displayed, the occurrence of small numbers is obvious. However, when rates or percentages are shown, the fact that they may be based on small numbers of events may not be immediately apparent.

In some instances an attempt is made to ameliorate the problem by adding data together for several years (for example, the five-year infant death rates shown in Table 14). Use of multi-year rates must be balanced by consideration of the fact that such rates may conceal changes in trends within the period under scrutiny.

DEFINITIONS

Following are definitions of selected terms as they are used in this publication:

CRUDE BIRTH RATE - relates the number of live births to the total population. It is computed as follows:

$$\text{Annual crude birth rate} = \frac{\text{Annual number of live births} \times 1,000}{\text{Midyear population}}$$

CRUDE DEATH RATE - relates the number of deaths to the total population. It is computed as follows:

$$\text{Annual crude death rate} = \frac{\text{Annual number of deaths} \times 1,000}{\text{Midyear population}}$$

FETAL DEATH - the birth of a fetus after 20 weeks of gestation which shows no evidence of life after complete birth (that is, no action of the heart, breathing, or movement of voluntary muscles).

FETAL DEATH RATIO - relates fetal deaths to live births. It is computed as follows:

$$\text{Annual fetal death ratio} = \frac{\text{Annual number of fetal deaths} \times 1,000}{\text{Annual number of live births}}$$

FIVE-YEAR INFANT MORTALITY RATE - relates the number of deaths under 1 year of age to the number of live births. It is calculated as follows:

$$\text{Five-year Infant mortality rate} = \frac{\text{Number of deaths under 1 year of age over a five-year period} \times 1,000}{\text{Number of live births over the same five-year period}}$$

INFANT DEATH - the death of a person under 1 year of age.

LIVE BIRTH - birth of a child who shows evidence of life after complete birth. Evidence of life includes heart action, breathing, or movement of voluntary muscles.

MATERNAL DEATH RATE - measures the risk of death from deliveries and complications of pregnancy, childbirth, and the puerperium. It is computed as follows:

$$\text{Annual Maternal mortality rate} = \frac{\text{Annual number of deaths attributed to maternal conditions}}{\text{Annual number of live births}} \times 100,000$$

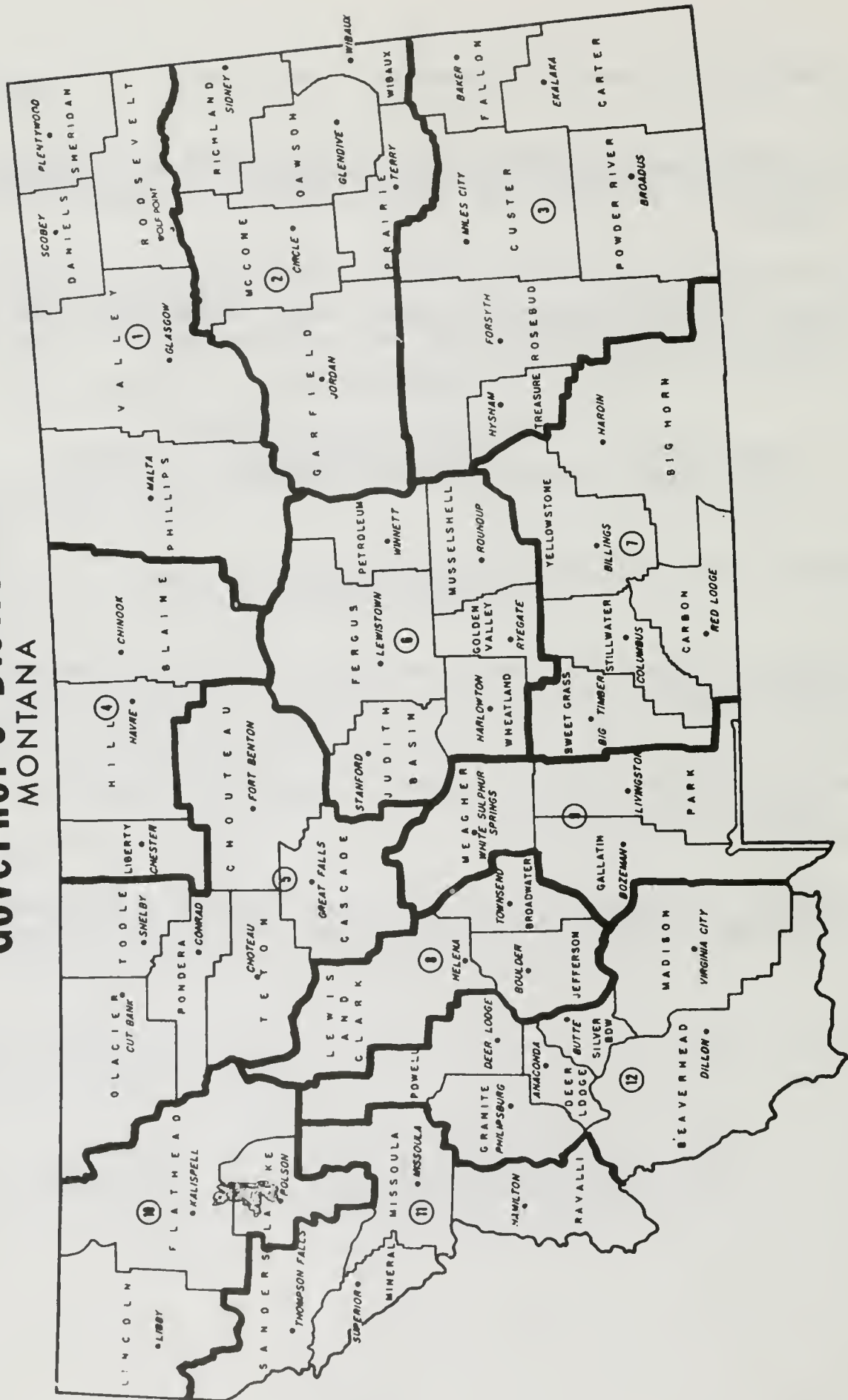
NEONATAL DEATH - the death of an infant under 28 days of age.

OCCURRENCE - where an event takes place regardless of the usual residence of the person involved.

PREMATURE (IMMATURE) INFANT - a live born infant with a birthweight of 5 pounds 8 ounces (2,500 grams) or less.

RESIDENCE - for deaths, this refers to the usual residence of the decedent. For births and fetal deaths it refers to the usual residence of the mother.

CHART 1 Governor's Districts MONTANA



GENERAL

HISTORICAL

POPULATION

RESIDENCE

OCCURRENCE

RACE

CHART 2

Decennial Population Enumerations

Montana, 1870–1970

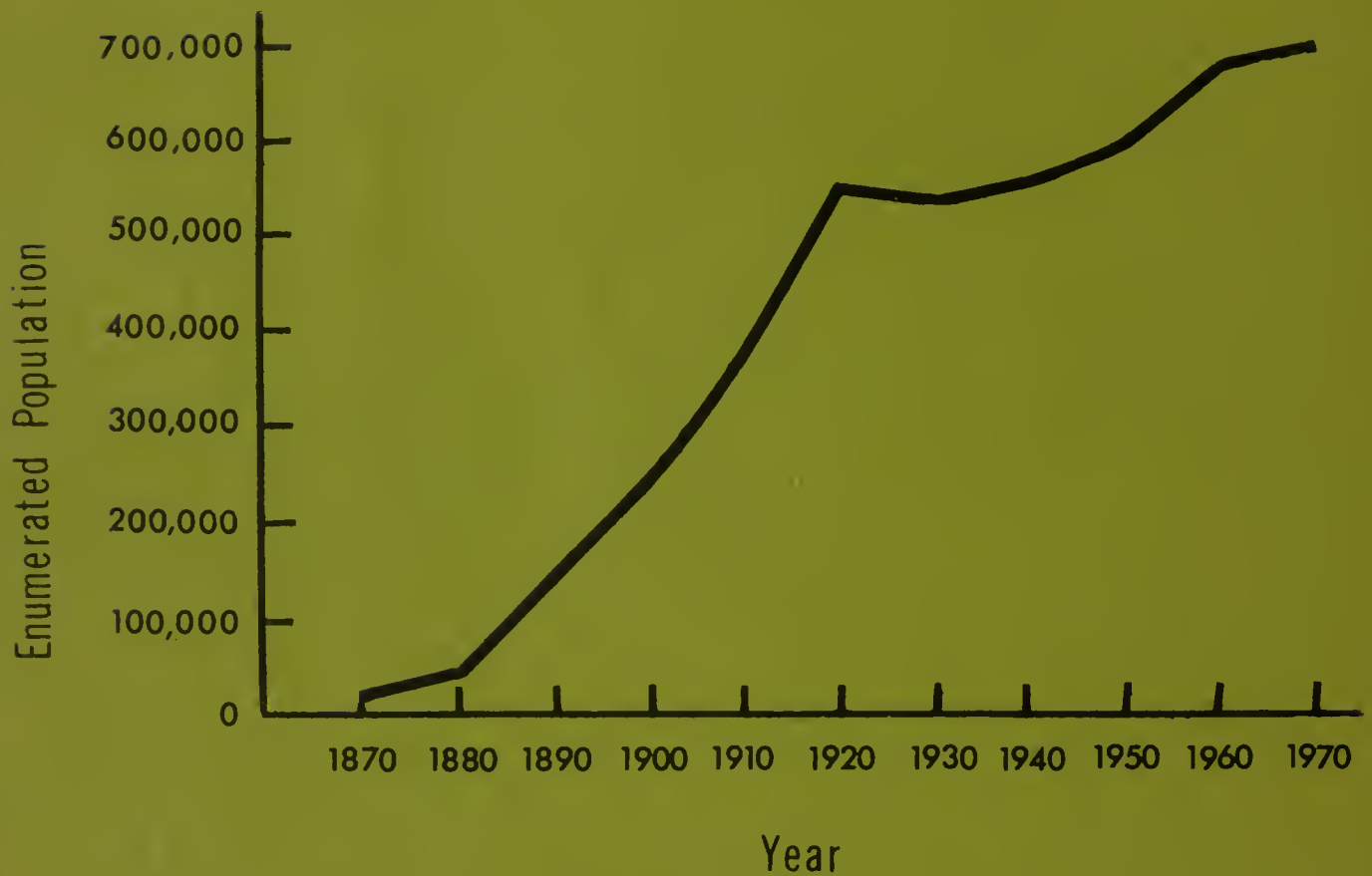


TABLE 1
DEATHS, LIVE BIRTHS, FETAL, INFANT, AND MATERNAL DEATHS
MONTANA, 1910-1970

DEATHS EXCLUSIVE OF FETAL DEATHS. DATA FOR 1910-1945 ARE BY PLACE OF OCCURRENCE.
DATA FOR 1946-1970 ARE BY PLACE OF RESIDENCE.

YEAR	ESTIMATED MIDYEAR POPULATION	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
		NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATIO**	NUMBER	RATE**	NUMBER	RATE***
1910	376,053	3,939	10.6	6,124	16.3	---	---	714	116.6	62	1012.4
1915	468,067	5,072	10.8	11,132	23.8	---	---	816	73.3	91	817.5
1916	486,028	5,791	11.9	11,300	23.2	---	---	970	85.8	108	955.8
1917	503,989	6,589	13.1	11,603	23.0	---	---	1,090	94.0	143	1232.8
1918	521,950	8,985	17.2	11,803	22.6	---	---	1,027	87.0	184	1559.3
1919	539,911	5,786	10.7	12,017	22.3	---	---	962	80.1	141	1173.3
1920	548,339	5,289	9.6	11,862	21.6	---	---	862	72.7	104	876.7
1921	547,238	4,693	8.6	12,127	22.2	---	---	805	66.4	89	733.9
1922	546,137	5,083	9.3	11,060	20.3	328	29.7	763	69.0	86	777.6
1923	545,036	4,893	9.0	10,524	19.3	307	29.2	748	71.1	79	750.7
1924	543,935	4,970	9.1	10,283	18.9	314	30.5	683	66.4	67	651.6
1925	542,834	5,188	9.6	10,302	19.0	343	33.3	726	70.5	83	805.7
1926	541,733	5,395	10.0	10,008	18.5	313	31.3	757	75.6	79	789.4
1927	540,632	5,342	9.9	9,875	18.3	314	31.8	651	65.9	65	658.2
1928	539,531	5,780	10.7	10,072	18.7	341	33.9	612	60.8	75	744.6
1929	538,430	5,748	10.7	10,093	18.7	290	28.8	640	63.5	84	833.3
1930	537,606	5,435	10.1	10,004	18.6	286	28.6	569	56.9	67	669.7
1931	540,337	5,280	9.8	9,638	17.8	309	32.1	583	60.5	70	726.3
1932	542,522	5,294	9.8	9,091	16.8	254	27.9	467	51.4	50	660.0
1933	544,707	5,212	9.6	8,953	16.4	235	26.2	461	51.5	51	569.6
1934	546,892	5,617	10.3	9,949	18.2	244	24.5	532	53.5	57	572.9
1935	549,077	6,291	11.5	10,029	18.3	232	23.1	602	60.0	52	518.5
1936	551,262	6,255	11.3	10,400	18.9	227	21.8	593	57.0	57	548.1
1937	553,447	6,128	11.1	10,248	18.5	232	22.6	518	50.5	38	370.8
1938	555,632	5,684	10.2	10,673	19.2	250	23.4	486	45.5	35	327.9
1939	557,817	5,901	10.6	10,897	19.5	212	19.5	534	49.0	35	321.2
1940	559,456	5,722	10.2	11,468	20.5	216	18.8	527	46.0	39	340.1
1941	530,000	5,673	10.7	11,545	21.3	227	19.7	438	37.9	21	181.9
1942	500,000	5,516	11.0	11,735	23.5	207	17.6	395	33.7	26	221.6
1943	470,033	5,601	11.9	11,407	24.3	212	18.6	442	38.7	20	175.3
1944	487,300	5,662	11.6	10,943	22.5	184	16.8	395	36.1	16	146.2
1945	504,600	5,414	10.7	10,601	21.0	184	17.4	363	34.2	17	160.4
1946	521,900	5,595	10.7	12,853	24.6	224	17.4	448	34.8	18	140.0
1947	539,200	5,760	10.7	15,085	28.0	238	15.8	484	32.1	16	106.1
1948	556,500	5,884	10.6	15,035	27.0	236	15.7	461	30.7	14	93.1
1949	573,800	5,878	10.2	15,366	26.8	231	15.0	457	29.7	14	91.1
1950	591,024	5,817	9.8	15,592	26.4	233	14.9	441	28.3	20	128.3
1951	596,000	5,964	10.0	15,929	26.7	248	15.6	425	26.7	10	62.8
1952	602,000	5,974	9.9	16,479	27.4	253	15.4	448	27.2	8	48.5
1953	616,000	6,125	9.9	16,596	25.9	232	14.0	480	28.9	3	18.1
1954	624,000	6,030	9.7	17,275	27.7	247	14.3	398	23.0	5	28.9
1955	636,000	6,115	9.6	17,454	27.4	221	12.7	433	24.8	5	28.6
1956	656,000	6,450	9.8	17,703	27.0	239	13.5	495	28.0	2	11.3
1957	667,000	6,486	9.7	18,219	27.3	224	12.3	462	25.4	5	27.4
1958	666,000	6,265	9.4	17,275	25.9	233	13.5	444	25.7	3	17.4
1959	669,000	6,570	9.8	17,646	26.4	223	12.6	431	24.4	3	17.0
1960	674,767	6,525	9.7	17,448	25.9	190	10.9	435	24.9	5	28.7
1961	682,000	6,338	9.3	17,368	25.5	194	11.2	441	25.4	2	11.5
1962	709,000	6,418	9.1	16,818	24.7	210	12.5	436	25.9	7	41.6
1963	707,000	6,609	9.3	15,934	22.5	194	12.2	383	24.0	2	12.6
1964	705,000	6,851	9.7	15,094	21.4	200	13.3	403	26.7	7	46.4
1965	706,000	6,578	9.3	13,641	19.3	177	13.0	338	24.8	2	14.7
1966	702,000	6,864	9.8	12,623	18.3	140	11.1	286	22.7	3	23.8
1967	701,000	6,549	9.3	12,087	17.2	141	11.7	290	24.0	3	24.8
1968	693,000	6,534	9.4	11,992	17.3	146	12.2	233	19.4	1	8.3
1969	694,000	6,694	9.6	11,762	15.9	132	11.2	246	20.9	1	8.5
1970	694,409	6,597	9.5	12,622	18.2	140	11.1	272	21.5	3	23.8

* PER 1,000 ESTIMATED POPULATION.

** PER 1,000 LIVE BIRTHS.

*** PER 100,000 LIVE BIRTHS.

THE 1940, 1950, 1960, AND 1970 POPULATIONS ARE THOSE ENUMERATED AS OF APRIL 1.

TABLE 2

POPULATIONS

MONTANA COUNTIES, 1960 AND 1970

COUNTY	1970 CENSUS ENUMERATION	1960 CENSUS ENUMERATION	COUNTY	1970 CENSUS ENUMERATION	1960 CENSUS ENUMERATION
MONTANA, TOTAL	654,409	674,767			
BEAVERHEAD	8,187	7,194	MADISON	5,014	5,211
BIG HORN	10,057	10,007	MEAGHER	2,122	2,616
BLAINE	6,727	8,091	MINERAL	2,958	3,037
BROADWATER	2,526	2,804	MISSOULA	58,263	44,663
CARBON	7,080	8,317	MUSSELSHELL	3,734	4,888
CARTER	1,956	2,493	PARK	11,197	13,168
CASCADE	81,804	73,418	PETROLEUM	675	894
CHOUTEAU	6,473	7,348	PHILLIPS	5,386	6,027
CUSTER	12,174	13,227	PONDERA	6,611	7,653
DANIELS	3,083	3,755	POWDER RIVER	2,862	2,485
DAWSON	11,269	12,314	POWELL	6,660	7,002
DEER LODGE	15,652	18,640	PRAIRIE	1,752	2,318
FALLON	4,050	3,997	RAVALLI	14,409	12,341
FERGUS	12,611	14,018	RICHLAND	9,837	10,504
FLATHEAD	39,460	32,965	ROOSEVELT	10,365	11,731
GALLATIN	32,505	26,045	ROSEBUD	6,032	6,187
GARFIELD	1,796	1,981	SANDERS	7,093	6,880
GLACIER	10,783	11,565	SHERIDAN	5,779	6,458
GOLDEN VALLEY	931	1,203	SILVER BOW	41,981	46,454
GRANITE	2,737	3,014	STILLWATER	5,632	5,526
HILL	17,358	18,653	SWEET GRASS	2,980	3,290
JEFFERSON	5,238	4,297	TETON	6,116	7,295
JUDITH BASIN	2,667	3,085	TOOLE	5,839	7,904
LAKE	14,445	13,104	TREASURE	1,069	1,345
LEWIS & CLARK	33,281	28,006	VALLEY	11,471	17,080
LIBERTY	2,359	2,624	WHEATLAND	2,529	3,026
LINCOLN	18,063	12,537	WIBAUX	1,465	1,698
MCCONE	2,875	3,321	YELLOWSTONE	87,367	79,016
			YELLOWSTONE PRK	64	47

TABLE 3

DEATHS, LIVE BIRTHS, FETAL, INFANT AND MATERNAL DEATHS

MONTANA COUNTIES, 1970
 BY PLACE OF OCCURRENCE AND BY PLACE OF RESIDENCE. DEATHS EXCLUSIVE OF FETAL DEATHS

COUNTY	DEATHS		LIVE BIRTHS		FETAL DEATHS		INFANT DEATHS		MATERNAL DEATHS	
	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.	OCC.	RES.
MONTANA, TOTAL	6,518	6,597	12,450	12,622	139	139	263	272	3	3
BEAVERHEAD	90	98	118	138	2	4	3	4	-	-
BIG HORN	93	97	265	249	3	3	6	4	-	-
BLAINE	42	79	55	113	-	2	2	2	-	-
BROADWATER	24	24	50	47	-	-	-	-	-	-
CARBON	84	112	46	95	2	4	1	4	-	-
CARTER	16	19	27	33	-	-	-	-	-	-
CASCADE	726	670	1,725	1,572	22	21	34	34	1	1
CHOUTEAU	53	65	51	93	-	1	2	3	-	-
CUSTER	174	121	377	222	1	1	7	4	-	-
DANIELS	41	49	40	41	-	-	-	-	-	-
DAWSON	80	80	214	212	-	-	3	6	1	1
DEER LODGE	279	166	159	252	3	1	5	5	-	-
FALLON	30	39	48	73	-	-	-	1	-	-
FERGUS	141	145	183	175	2	1	2	3	-	-
FLATHEAD	339	365	814	688	4	1	20	17	-	-
GALLATIN	239	240	578	575	10	9	14	16	-	-
GARFIELD	11	12	11	21	-	-	-	-	-	-
GLACIER	89	96	199	218	5	4	4	5	-	-
GOLDEN VALLEY	4	12	-	21	-	-	-	-	-	-
GRANITE	25	28	13	37	-	1	-	1	-	-
HILL	164	143	402	327	8	4	8	5	-	-
JEFFERSON	33	50	2	85	-	1	1	4	-	-
JUDITH BASIN	7	25	-	33	-	1	-	-	-	-
LAKE	145	166	237	259	3	5	4	4	-	-
LEWIS & CLARK	427	347	739	607	9	8	20	20	-	-
LIBERTY	32	23	37	26	3	3	1	1	-	-
LINCOLN	80	119	247	412	3	5	4	7	-	-
MCCONE	20	29	24	46	1	1	-	-	-	-
MADISON	55	61	78	64	-	1	2	1	-	-
MEAGHER	15	31	28	42	-	-	2	2	-	-
MINERAL	19	23	-	60	-	-	1	3	-	-
MISSOULA	527	443	1,263	1,111	10	9	24	22	-	-
MUSSELSHELL	36	44	29	58	-	-	1	1	-	-
PARK	171	179	157	161	4	4	7	4	-	-
PETROLEUM	5	8	-	9	-	-	-	-	-	-
PHILLIPS	46	62	65	96	-	1	2	2	-	-
PONDERA	57	61	122	105	-	1	1	2	-	-
POWDER RIVER	9	24	-	41	-	-	-	-	-	-
POWELL	50	59	85	93	1	2	2	2	-	-
PRAIRIE	16	17	17	32	-	-	-	1	-	-
RAVALLI	134	157	199	230	-	-	4	5	-	-
RICHLAND	82	81	191	181	5	5	2	2	-	-
ROOSEVELT	107	124	249	247	5	5	13	14	-	-
ROSEBUD	67	81	22	166	1	3	1	3	-	-
SANDERS	55	89	74	124	1	1	-	1	-	-
SHERIDAN	54	62	63	68	-	-	1	1	-	-
SILVER BOW	514	554	353	750	7	5	23	19	1	1
STILLWATER	38	39	45	51	-	-	-	1	-	-
SWEET GRASS	34	61	27	38	-	-	1	2	-	-
TETON	45	60	80	95	-	-	1	1	-	-
TOOLE	50	57	63	90	-	1	1	1	-	-
TREASURE	5	16	-	12	-	-	-	-	-	-
VALLEY	103	116	196	209	2	2	6	9	-	-
WHEATLAND	24	22	24	40	-	-	-	1	-	-
WIBAUX	6	24	-	24	-	-	-	-	-	-
YELLOWSTONE	705	653	1,859	1,655	22	18	27	22	-	-
YELLOWSTONE PRK	1	-	-	-	-	-	-	-	-	-

TABLE 4

DEATHS, LIVE BIRTHS, AND FETAL DEATHS BY RACE

MONTANA COUNTIES, 1970
BY PLACE OF RESIDENCE

COUNTY	DEATHS				LIVE BIRTHS				FETAL DEATHS				
	TOTAL	WHITE*	INDIAN	OTHER	TOTAL	WHITE*	INDIAN	OTHER	TOTAL	WHITE*	INDIAN	OTHER	UNKNOWN
MONTANA, TOTAL	6,597	6,266	290	21	12,622	11,479	1,007	136	140	119	19	1	1
BEAVERHEAD	98	98	-	-	138	135	2	1	4	4	-	-	-
BIG HORN	97	62	35	-	249	115	133	1	3	1	2	-	-
BLAINE	79	62	17	-	113	65	48	-	2	2	-	-	-
BROADWATER	24	24	-	-	47	47	-	-	-	-	-	-	-
CARBON	112	111	-	1	95	95	-	-	4	4	-	-	-
CARTER	19	19	-	-	33	33	-	-	-	-	-	-	-
CASCADE	670	661	5	4	1,672	1,527	84	61	21	19	1	1	-
CHOUTEAU	55	55	-	-	93	92	1	-	1	1	-	-	-
CUSTER	121	119	1	1	222	216	2	4	1	1	-	-	-
DANIELS	49	49	-	-	41	41	-	-	-	-	-	-	-
DAWSON	80	80	-	-	212	209	3	-	-	-	-	-	-
DEER LODGE	166	163	2	1	252	244	5	3	1	1	-	-	-
FALLON	39	39	-	-	73	72	1	-	-	-	-	-	-
FERGUS	145	145	-	-	175	171	2	2	1	1	-	-	-
FLATHEAD	365	362	2	1	688	665	17	6	1	1	-	-	-
GALLATIN	240	240	-	-	575	557	8	10	9	9	-	-	-
GARFIELD	12	12	-	-	21	21	-	-	-	-	-	-	-
GLACIER	96	43	53	-	218	82	133	3	4	3	1	-	-
GOLDEN VALLEY	12	12	-	-	21	20	1	-	-	-	-	-	-
GRANITE	28	28	-	-	37	36	1	-	1	1	-	-	-
HILL	143	132	8	3	327	262	61	4	4	3	1	-	-
JEFFERSON	50	50	-	-	85	83	1	1	1	1	-	-	-
JUDITH BASIN	25	25	-	-	33	33	-	-	1	1	-	-	-
LAKIE	166	133	33	-	259	161	96	2	5	2	3	-	-
LEWIS & CLARK	347	338	6	3	607	587	17	3	8	7	1	-	-
LIBERTY	23	23	-	-	26	25	1	-	3	2	1	-	-
LINCOLN	119	119	-	-	412	402	8	2	5	5	-	-	-
MCCONE	29	29	-	-	46	46	-	-	1	1	-	-	-
MADISON	61	61	-	-	64	63	1	-	1	1	-	-	-
MEAGHER	31	31	-	-	42	38	4	-	-	-	-	-	-
MINERAL	23	23	-	-	60	59	1	-	-	-	-	-	-
MISSOULA	443	439	3	1	1,111	1,090	16	5	9	9	-	-	-
MUSSELSHELL	44	44	-	-	58	58	-	-	-	-	-	-	-
PARK	179	179	-	-	161	158	2	1	4	4	-	-	-
PETROLEUM	8	8	-	-	9	9	-	-	-	-	-	-	-
PHILLIPS	62	59	3	-	96	91	5	-	1	1	-	-	-
POYDERA	61	55	6	-	105	96	9	-	1	-	1	-	-
POWDER RIVER	24	24	-	-	41	40	1	-	-	-	-	-	-
POWELL	59	59	-	-	93	89	3	1	2	2	-	-	-
PRAIRIE	17	17	-	-	32	29	3	-	-	-	-	-	-
RAVALLI	157	157	-	-	230	226	2	2	-	-	-	-	-
RICHLAND	81	81	-	-	181	178	3	-	5	5	-	-	-
ROOSEVELT	124	68	56	-	247	117	130	-	5	-	5	-	-
ROSEBUD	81	57	24	-	166	77	88	1	3	-	3	-	-
SANDERS	89	79	10	-	124	106	17	1	1	1	-	-	-
SHERIDAN	62	60	2	-	68	67	-	1	-	-	-	-	-
SILVER BOW	554	548	3	3	750	731	16	3	5	4	-	-	1
STILLWATER	39	39	-	-	51	50	1	-	-	-	-	-	-
SWEET GRASS	51	51	-	-	38	38	-	-	-	-	-	-	-
TETON	50	46	4	-	95	94	1	-	-	-	-	-	-
TODDLE	57	56	1	-	90	83	2	5	1	1	-	-	-
TREASURE	16	16	-	-	12	12	-	-	-	-	-	-	-
VALLEY	116	107	8	1	209	177	32	-	2	2	-	-	-
WHEATLAND	22	22	-	-	40	40	-	-	-	-	-	-	-
WIBAUX	24	24	-	-	24	24	-	-	-	-	-	-	-
YELLOWSTONE	653	643	8	2	1,655	1,597	45	13	19	19	-	-	-

* WHITE INCLUDES MEXICAN.

BIRTHS

SEX

MULTIPLE

LEGITIMACY

BIRTH ORDER

ATTENDANT

BIRTH WEIGHT

EDUCATION OF MOTHER

CHART 3

Crude Birth Rates: Montana & U.S., 1933-1970

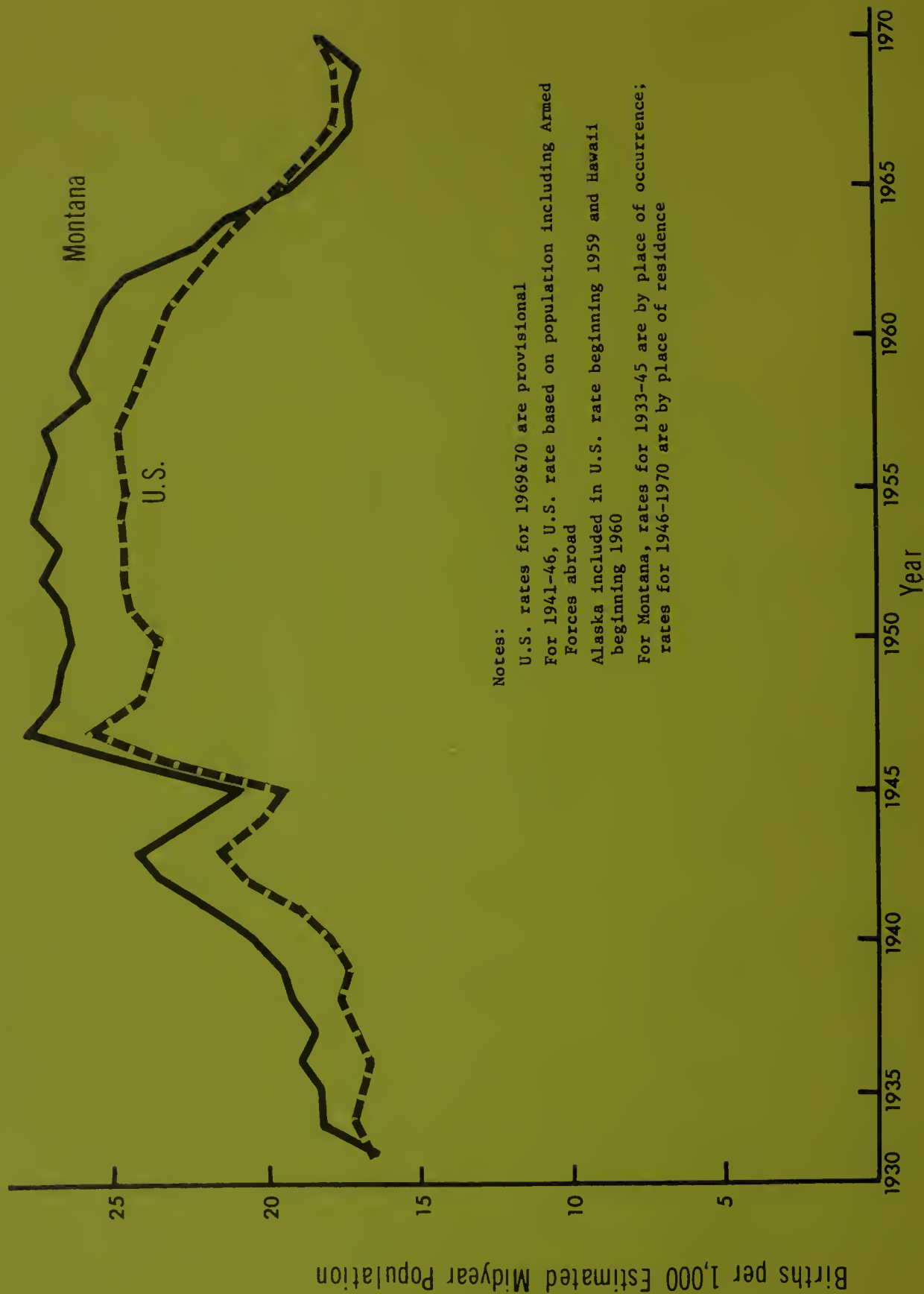
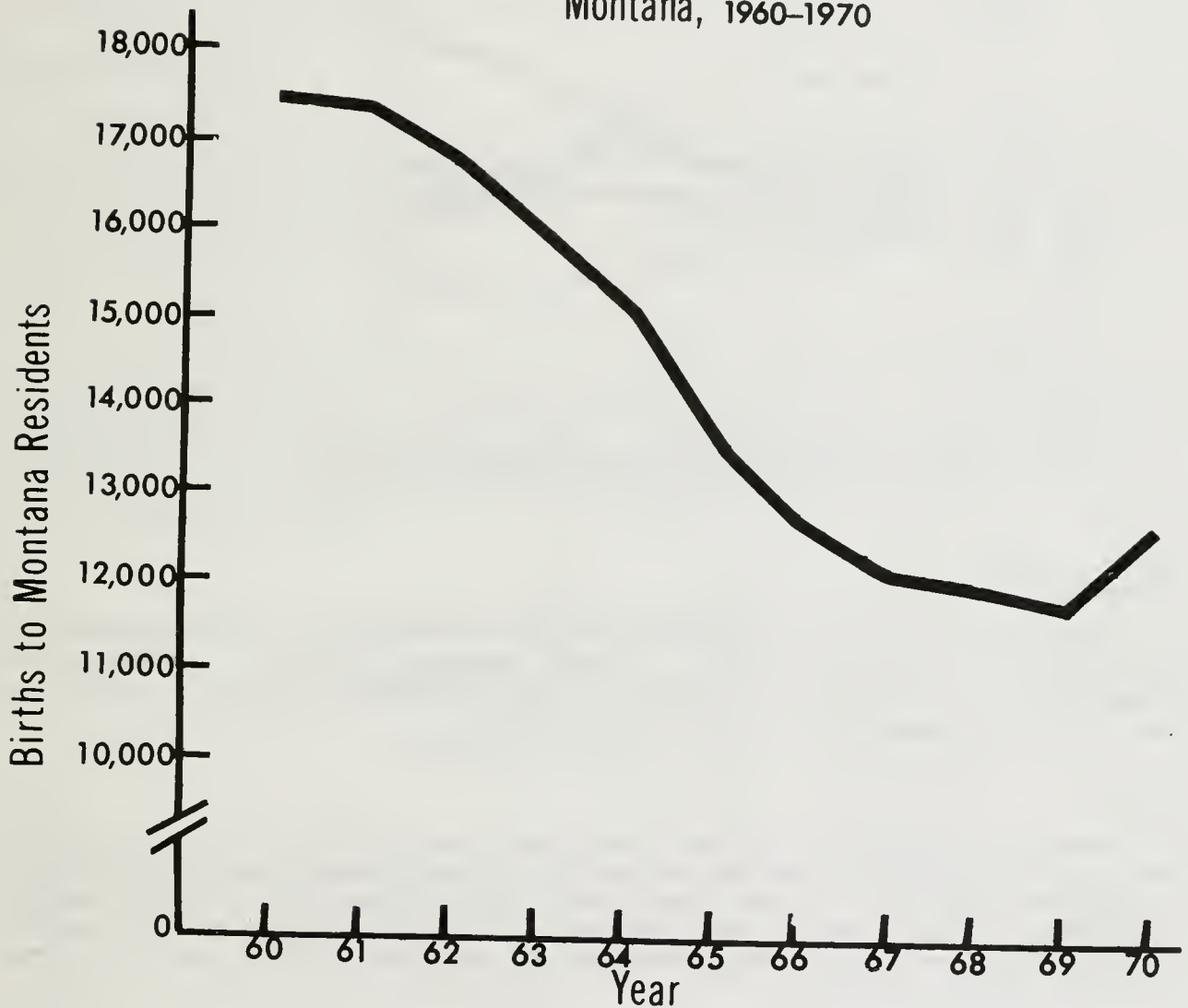


CHART 4 RESIDENT LIVE BIRTHS

Montana, 1960-1970



Trend

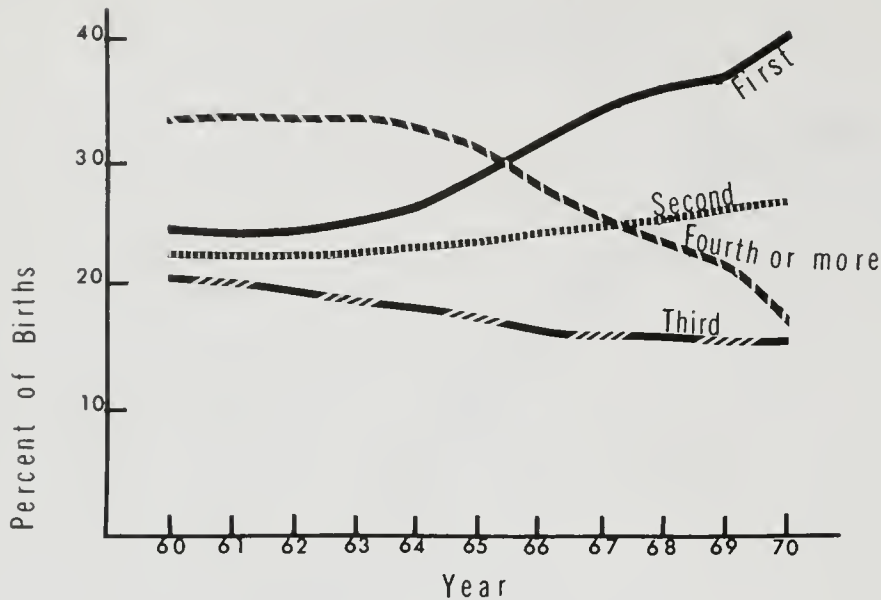
During the 1960's, the number of live births to mothers who were residents of Montana decreased from 1960 through 1969. For 1970, the number of live births was 12,622, up 860 from the 11,762 for 1969.

The crude birth rate was also up from 1969. In 1970, it was 18.2 live births per thousand population as compared with 16.9 for 1969.

Despite the increase in the crude birth rate, the fertility rate decreased. In 1970, it was 91.1 live births per thousand women aged 15-44 compared with 94.2 in 1969.

CHART 5
PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY BIRTH
ORDER

Montana, 1960-1970
(By place of residence)



Live Birth Order

During the 1960's the proportion of first born children increased markedly. The proportion of second born children increased slightly; whereas, the proportion of fourth or more birth order children declined. This is an indication of movement toward smaller family size.

Race

American Indians constitute the largest non-white racial category in Montana. The birth rate for Indians has traditionally been higher than that for non-Indians. In 1960, Indians comprised 3.1% of the population in the federal census enumeration. During that same year, 6.3% of live births were Indian. In 1970, 3.9% of the population was enumerated as Indian and 8.0% of the live births were Indian.

Sex

The sex ratio (number of male births per hundred of female) in 1970 was 104.2. As is usual, male births exceeded female births throughout the decade of the 60's. The sex ratios were higher for the period 1961-65 than they were for the period 1966-70.

Attendant at Birth

Over 99% of live births in Montana have been in hospitals since 1954. In 1970, 99.4% of live births occurred in hospitals. Most of the births attended by mid-wives were those in Hutterite colonies. A study of infant mortality among mid-wife attended births shows that it is no higher for this group than for a control group of non-Hutterite caucasians delivered by physicians in the same geographic areas. (1)

(1) Hutterite Mid-Wifery in Montana, Converse, Thomas Allen, April 1972

Low Birth Weight Infants

In 1970, 7.5% of live born infants had a birth weight of five pounds eight ounces or less. During the previous decade this percentage varied from 7.1 to 8.2%. The highest proportion of low birth weight infants occurred in 1966. This may have been associated with the high incidence of rubella which was experienced in the state during 1965.

Education of Mother

Published data on education of mother are available only for the years 1969 and 1970. Analysis of the data shows that there was a slight increase in the years of education of the mother in 1970 as compared with 1969. Table 8 shows that years of education of mother is inversely correlated with the number of live born children.

Out-of-wedlock Births

The 1970 Montana illegitimacy ratio (95.3) is more than five times as high as the 1953 ratio (17.5). The illegitimacy ratio has been increasing in both Montana and the United States for the past seventeen years. In the early 50's, the Montana ratio lagged about nine years behind that for the United States. By 1970, however, the Montana ratio reached that reported for the United States only two years previously.

CHART 6
OUT-OF-WEDLOCK BIRTH RATIOS:
Montana and United States, 1950-1970
(By place of residence)

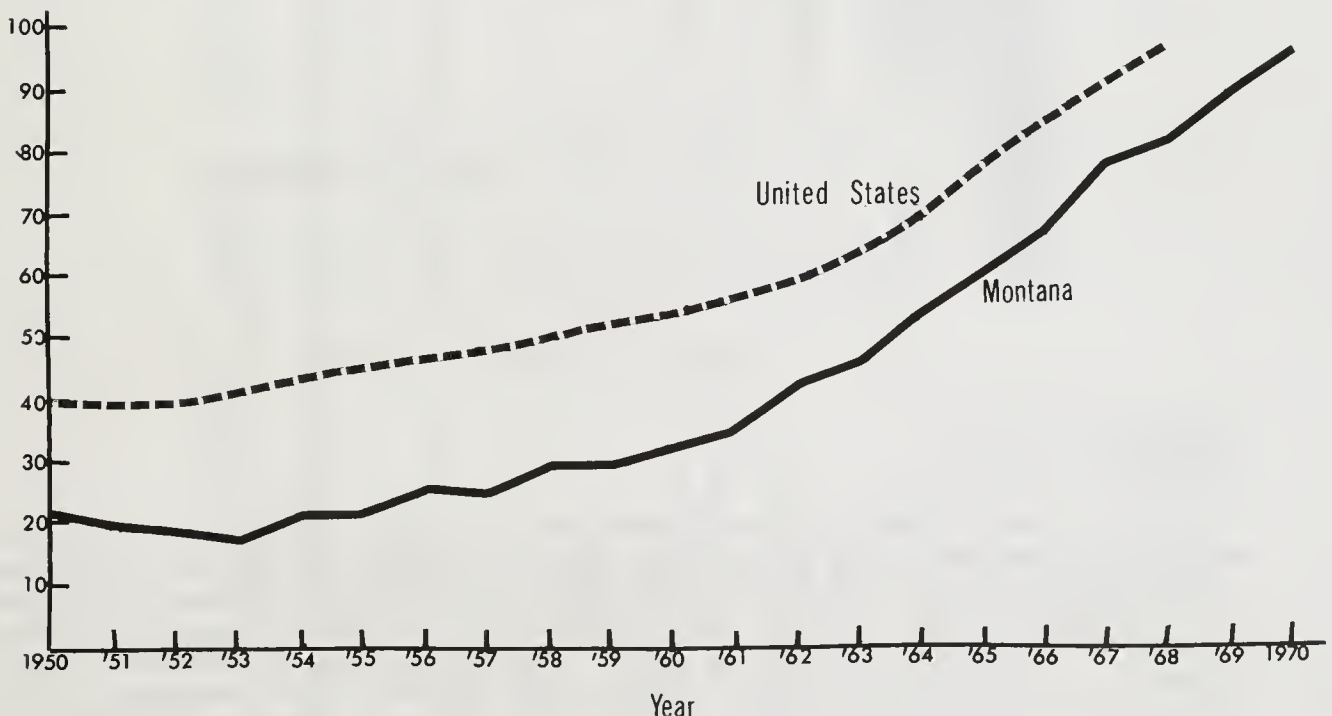
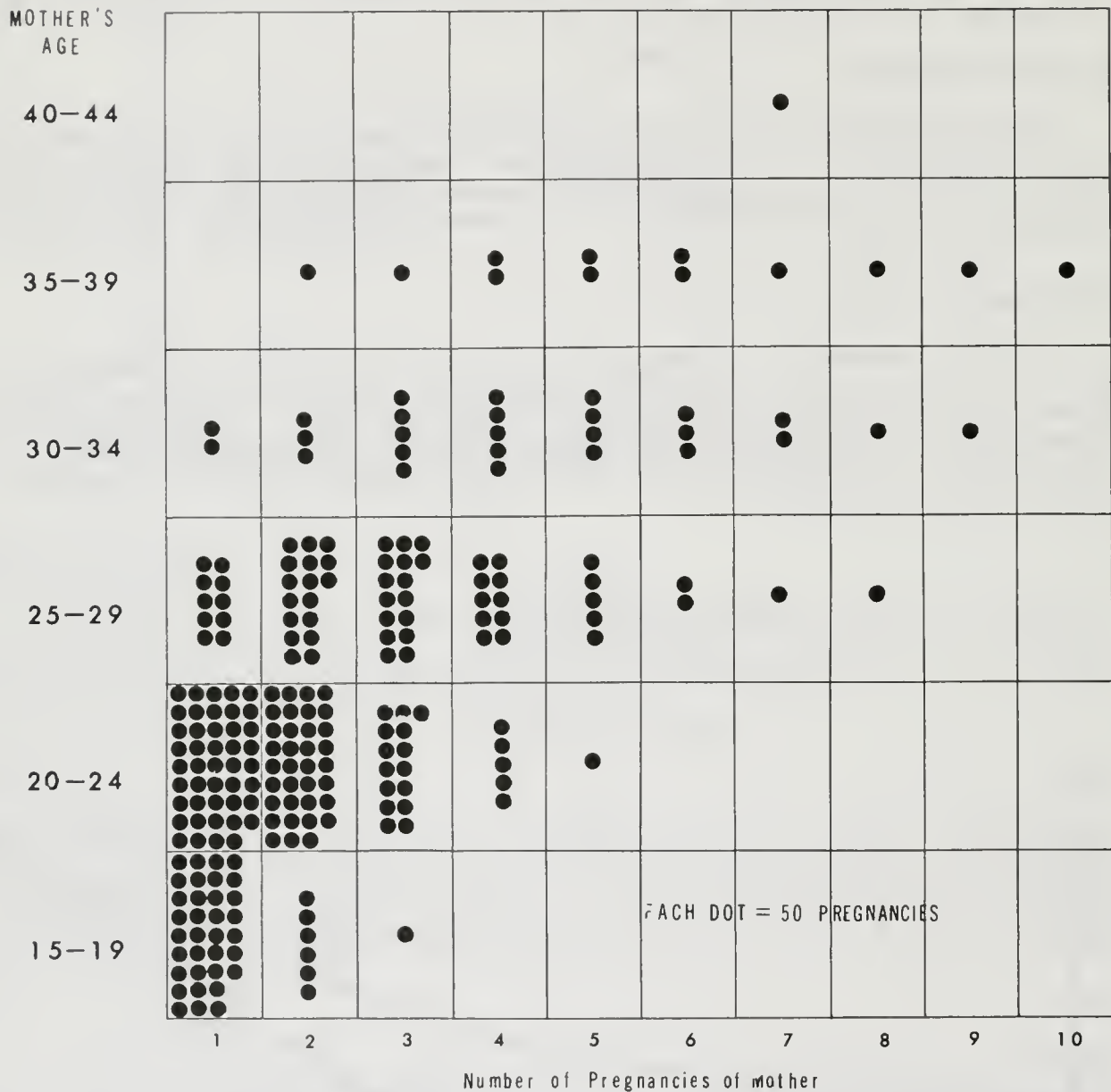


CHART 7 **TOTAL NUMBER OF PREGNANCIES BY AGE** **Montana, 1970** (By place of occurrence)



Gravidity

It is apparent from the above chart that most first births occur to mothers aged 15-24. Second births are concentrated in the age group 20-24. Since each dot represents fifty births, the amount of detail that can be shown is limited. The youngest mother in 1970 was thirteen years of age. There were fifteen mothers who were aged fourteen. By age fifteen, two mothers had had their second pregnancy. By age seventeen, four mothers had had their third pregnancy. Fifty teenage mothers had been pregnant three or more times. There were 200 mothers who had celebrated their fortieth birthday.

TABLE S

SUMMARY OF LIVE BIRTHS

MONTANA, 1970

BY PLACE OF RESIDENCE. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT. HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTAL SHOWN.

ITEM	1970		1969	
	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL	12,622	100.0	11,762	100.0
SEX				
MALE	6,440	51.0	6,044	51.4
FEMALE	6,182	49.0	5,718	48.6
LEGITIMACY				
IN WEDLOCK	11,419	90.5	10,714	91.1
OUT OF WEDLOCK	1,203	9.5	1,048	8.9
MULTIPLE BIRTHS				
SINGLE	12,377	98.1	11,511	97.9
TWINS	243	1.9	245	2.1
TRIPLETS	2	0.0	6	0.1
LIVING CHILDREN				
FIRST CHILD	5,090	40.3	4,308	36.6
SECOND CHILD	3,385	26.8	3,107	26.4
THIRD CHILD	1,980	15.7	1,801	15.3
FOURTH CHILD	941	7.5	1,079	9.2
FIFTH CHILD	512	4.1	602	5.1
SIXTH CHILD	292	2.3	349	3.0
SEVENTH CHILD	186	1.5	224	1.9
EIGHTH CHILD	92	0.7	118	1.0
NINE OR MORE	140	1.1	170	1.4
NOT STATED	4	0.0	4	0.0

TABLE 6

NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS BY ATTENDANT

MONTANA COUNTIES, 1970

BY PLACE OF OCCURRENCE

COUNTY	NUMBER ATTENDED BY-				PERCENTAGE ATTENDED BY-		
	TOTAL	PHYSICIAN IN HOSPITAL	PHYSICIAN NOT IN HOSPITAL	OTHER AND MIDWIFE	PHYSICIAN IN HOSPITAL	PHYSICIAN NOT IN HOSPITAL	OTHER AND MIDWIFE
MONTANA, TOTAL	12,450	12,371	23	56	99.4	0.2	0.4
BEAVERHEAD	118	118	-	-	100.0	0.0	0.0
BIG HORN	265	265	-	-	100.0	0.0	0.0
BLAINE	55	53	-	2	96.4	0.0	3.6
BROADWATER	50	50	-	-	100.0	0.0	0.0
CARBON	46	44	-	2	95.7	0.0	4.3
CARTER	27	27	-	-	100.0	0.0	0.0
CASCADE	1,725	1,718	2	5	99.6	0.1	0.3
CHOUTEAU	51	51	-	-	100.0	0.0	0.0
CUSTER	377	375	1	1	99.5	0.3	0.3
DANIELS	40	40	-	-	100.0	0.0	0.0
DAWSON	214	213	1	-	99.5	0.5	0.0
DEER LODGE	159	159	-	-	100.0	0.0	0.0
FALLON	48	48	-	-	100.0	0.0	0.0
FERGUS	183	182	-	1	99.5	0.0	0.5
FLATHEAD	814	807	1	6	99.1	0.1	0.7
GALLATIN	578	575	1	2	99.5	0.2	0.3
GARFIELD	11	10	1	-	90.9	9.1	0.0
GLACIER	199	195	-	4	98.0	0.0	2.0
GOLDEN VALLEY	-	-	-	-	0.0	0.0	0.0
GRANITE	13	12	1	-	92.3	7.7	0.0
HILL	402	402	-	-	100.0	0.0	0.0
JEFFERSON	2	-	2	-	0.0	100.0	0.0
JUDITH BASIN	-	-	-	-	0.0	0.0	0.0
LAKE	237	237	-	-	100.0	0.0	0.0
LEWIS & CLARK	739	736	-	3	99.6	0.0	0.4
LIBERTY	37	35	-	2	94.6	0.0	5.4
LINCOLN	247	245	-	2	99.2	0.0	0.8
MCCONE	24	24	-	-	100.0	0.0	0.0
MADISON	78	78	-	-	100.0	0.0	0.0
MEAGHER	28	25	-	3	89.3	0.0	10.7
MINERAL	-	-	-	-	0.0	0.0	0.0
MISSOULA	1,263	1,261	2	-	99.8	0.2	0.0
MUSSELSHELL	29	29	-	-	100.0	0.0	0.0
PARK	157	155	2	-	98.7	1.3	0.0
PETROLEUM	-	-	-	-	0.0	0.0	0.0
PHILLIPS	65	65	-	-	100.0	0.0	0.0
PONDERA	122	121	-	1	99.2	0.0	0.8
POWDER RIVER	-	-	-	-	0.0	0.0	0.0
POWELL	85	85	-	-	100.0	0.0	0.0
PRAIRIE	17	17	-	-	100.0	0.0	0.0
RAVALLI	199	198	-	1	99.5	0.0	0.5
RICHLAND	191	187	-	4	97.9	0.0	2.1
ROOSEVELT	249	248	-	1	99.6	0.0	0.4
ROSEBUD	22	18	3	1	81.8	13.6	4.5
SANDERS	74	73	1	-	98.6	1.4	0.0
SHERIDAN	63	63	-	-	100.0	0.0	0.0
SILVER BOW	853	853	-	-	100.0	0.0	0.0
STILLWATER	45	45	-	-	100.0	0.0	0.0
SWEET GRASS	27	27	-	-	100.0	0.0	0.0
TETON	80	76	-	4	95.0	0.0	5.0
TOOLE	63	59	-	4	93.6	0.0	6.3
TREASURE	-	-	-	-	0.0	0.0	0.0
VALLEY	196	194	2	-	99.0	1.0	0.0
WHEATLAND	24	21	-	3	87.5	0.0	12.5
WIBAUX	-	-	-	-	0.0	0.0	0.0
YELLOWSTONE	1,859	1,852	3	4	99.6	0.2	0.2

TABLE 7

LIVE BIRTHS BY BIRTH WEIGHT GROUP
MONTANA COUNTIES, 1970

INFANTS BORN TO MOTHERS WHO WERE RESIDENTS OF MONTANA AND BIRTH WEIGHT WAS GIVEN. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT. HENCE, THE SUMS OF PARTS MAY NOT ADD TO EXACTLY ONE HUNDRED PERCENT.

COUNTY	PREMATURE 5 LBS. 8 OZ. AND UNDER		MATURE OVER 5 LBS. 8 OZ.	
	NUMBER	PERCENT	NUMBER	PERCENT
MONTANA, TOTAL	948	7.5	11,674	92.5
BEAVERHEAD	10	7.2	128	92.8
BIG HORN	11	4.4	238	95.6
BLAINE	11	9.7	102	90.3
BROADWATER	1	2.1	46	97.9
CARBON	11	11.6	84	88.4
CARTER	1	3.0	32	97.0
CASCADE	134	8.0	1,538	92.0
CHOUTEAU	7	7.5	86	92.5
CUSTER	25	11.3	197	88.7
DANIELS	1	2.4	40	97.6
DAWSON	10	4.7	202	95.3
DEER LODGE	28	11.1	224	88.9
FALLON	3	4.1	70	95.9
FERGUS	11	6.3	164	93.7
FLATHEAD	45	6.5	643	93.5
GALLATIN	47	8.2	528	91.8
GARFIELD	2	9.5	19	90.5
GLACIER	14	6.4	204	93.6
GOLDEN VALLEY	-	0.0	21	100.0
GRANITE	2	5.4	35	94.6
HILL	17	5.2	310	94.8
JEFFERSON	8	9.4	77	90.6
JUDITH BASIN	1	3.0	32	97.0
LAKE	15	5.8	244	94.2
LEWIS & CLARK	45	7.4	562	92.6
LIBERTY	-	0.0	26	100.0
LINCOLN	33	8.0	379	92.0
MCCONE	3	6.5	43	93.5
MADISON	-	0.0	64	100.0
MEAGHER	4	9.5	38	90.5
MINERAL	12	20.0	48	80.0
MISSOULA	95	8.6	1,016	91.4
MUSSELSHELL	5	8.6	53	91.4
PARK	10	6.2	151	93.8
PETROLEUM	1	11.1	8	88.9
PHILLIPS	2	2.1	94	97.9
PONDERA	5	4.8	100	95.2
POWDER RIVER	5	12.2	36	87.8
POWELL	11	11.8	82	88.2
PRAIRIE	2	6.2	30	93.8
RAVALLI	14	6.1	216	93.9
RICHLAND	5	2.8	176	97.2
ROOSEVELT	19	7.7	228	92.3
ROSEBUD	8	4.8	158	95.2
SANDERS	8	6.5	116	93.5
SHERIDAN	4	5.9	64	94.1
SILVER BOW	77	10.3	673	89.7
STILLWATER	3	5.9	48	94.1
SWEET GRASS	2	5.3	36	94.7
TETON	10	10.5	85	89.5
TODLE	5	5.6	85	94.4
TREASURE	1	8.3	11	91.7
VALLEY	21	10.0	188	90.0
WHEATLAND	3	7.5	37	92.5
WIBAUX	-	0.0	24	100.0
YELLOWSTONE	120	7.2	1,535	92.7

TABLE 6

NUMBER AND PERCENT OF LIVE BORN INFANTS BY YEARS OF EDUCATION OF MOTHER
AND NUMBER OF CHILDREN BORN ALIVE.

MONTANA, 1970

MONTANA RESIDENTS DELIVERING IN MONTANA

EDUCATION OF MOTHER IN YEARS	NUMBER OF LIVE BORN CHILDREN											NOT STATED
	TOTAL	1	2	3	4	5	6	7	8	9	10+	
TOTAL												
NUMBER	12,320	4,840	3,284	1,934	960	526	319	186	104	59	104	4
PERCENT	100.0	39.3	26.7	15.7	7.8	4.3	2.6	1.5	0.8	0.5	0.8	0.0
UNDER 8 YEARS												
NUMBER	101	21	11	16	10	14	3	8	9	3	6	-
PERCENT	100.0	20.8	10.9	15.8	9.9	13.9	3.0	7.9	8.9	3.0	5.9	0.0
8 YEARS												
NUMBER	457	109	72	76	51	50	31	23	13	10	22	-
PERCENT	100.0	23.9	15.8	16.6	11.2	10.9	6.8	5.0	2.8	2.2	4.8	0.0
9 YEARS												
NUMBER	511	167	113	85	42	35	22	20	12	8	7	-
PERCENT	100.0	32.7	22.1	16.6	8.2	6.8	4.3	3.9	2.3	1.6	1.4	0.0
10 YEARS												
NUMBER	888	343	195	133	78	51	31	23	11	9	14	-
PERCENT	100.0	38.6	22.0	15.0	8.8	5.7	3.5	2.6	1.2	1.0	1.6	0.0
11 YEARS												
NUMBER	1,074	433	272	163	81	54	38	14	8	1	10	-
PERCENT	100.0	40.3	25.3	15.2	7.5	5.0	3.5	1.3	0.7	0.1	0.9	0.0
12 YEARS												
NUMBER	5,498	2,047	1,533	941	460	227	141	70	36	18	25	-
PERCENT	100.0	37.2	27.9	17.1	8.4	4.1	2.6	1.3	0.7	0.3	0.5	0.0
13 YEARS												
NUMBER	1,347	626	378	183	78	40	14	13	5	2	8	-
PERCENT	100.0	46.5	28.1	13.6	5.8	3.0	1.0	1.0	0.4	0.1	0.6	0.0
14 YEARS												
NUMBER	770	336	214	121	41	26	14	6	4	3	5	-
PERCENT	100.0	43.6	27.8	15.7	5.3	3.4	1.8	0.8	0.5	0.4	0.6	0.0
15 YEARS												
NUMBER	464	205	128	63	40	12	9	-	3	1	3	-
PERCENT	100.0	44.2	27.6	13.6	8.6	2.6	1.9	0.0	0.6	0.2	0.6	0.0
16 YEARS												
NUMBER	1,029	462	322	132	70	14	13	7	3	2	4	-
PERCENT	100.0	44.9	31.3	12.8	6.8	1.4	1.3	0.7	0.3	0.2	0.4	0.0
17+ YEARS												
NUMBER	151	81	43	16	6	2	1	1	-	1	-	-
PERCENT	100.0	53.6	28.5	10.6	4.0	1.3	0.7	0.7	0.0	0.7	0.0	0.0
NOT STATED												
NUMBER	30	10	3	5	3	1	2	1	-	1	-	4
PERCENT	100.0	33.3	10.0	16.7	10.0	3.3	6.7	3.3	0.0	3.3	0.0	13.3

DEATHS

CAUSE

SEX

RACE

ACCIDENTS

AGE

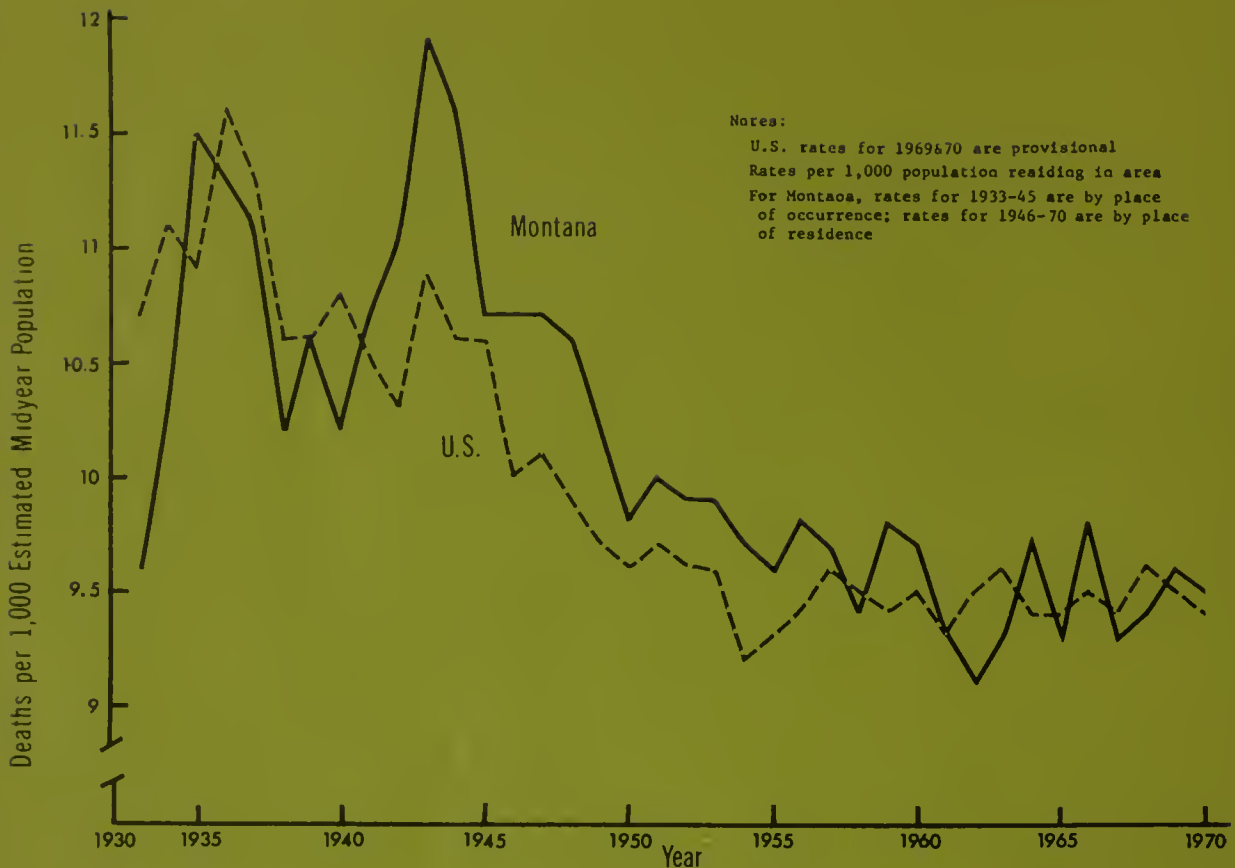
MATERNAL

INFANT

HISTORICAL SERIES

CHART 8

Crude Death Rates: Montana & U.S., 1933-1970

Infant Mortality

There were 272 resident infant deaths in Montana in 1970. This produces a ratio of 21.5 deaths per thousand live births compared with the national rate of 19.8.

The Montana infant mortality rate has followed the national rate fairly closely for the past four decades. (see chart) The rate of decline in the trend of this rate slowed for both the United States and Montana beginning about 1950.

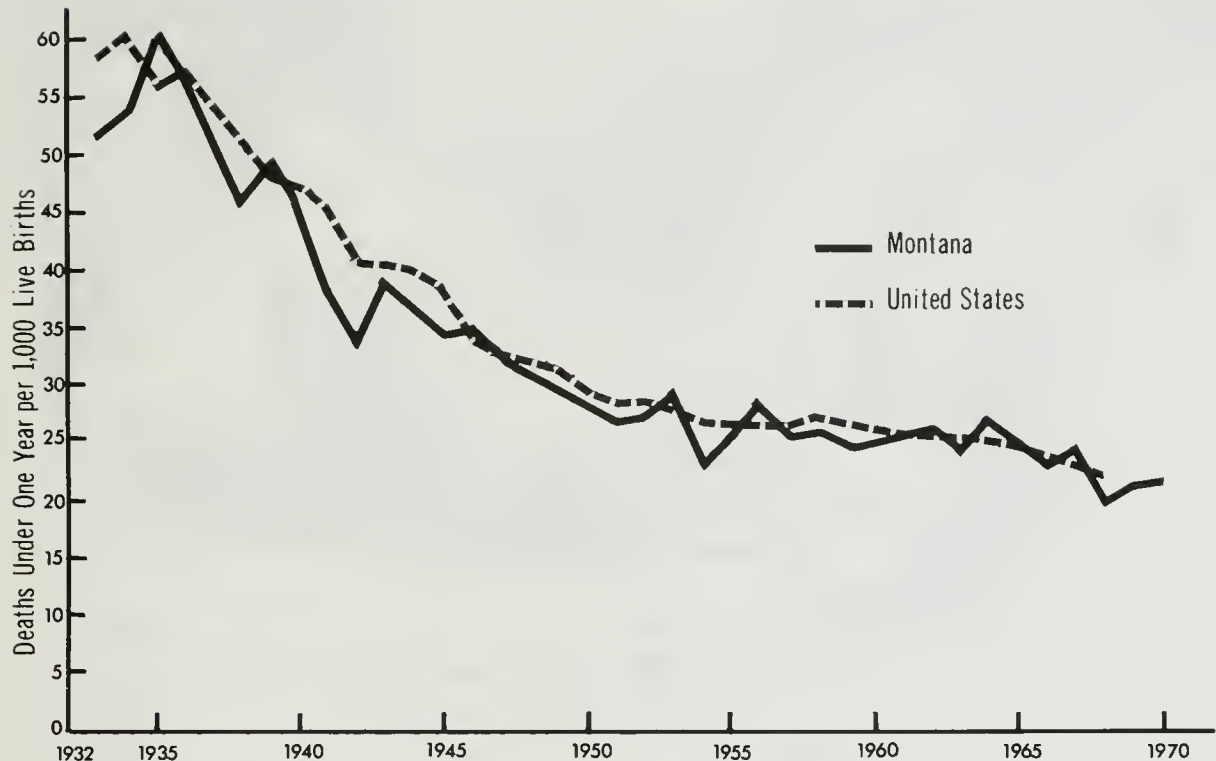
An accompanying map shows five-year infant death rates by county of residence. Several of the counties with relatively high proportions of Indian residents also have high infant death rates. The three counties with more than a thousand births per year (Yellowstone, Cascade, and Missoula) were all in the medium low quartile.

Prenatal and natal causes accounted for 207 (76%) of all infant deaths. Birth injury, difficult labor and other hypoxic and anoxic conditions caused 83 or 31%. Immaturity unqualified was listed as the cause for 45 or 17% and congenital malformations were responsible for 41 or 15% of the total. The other major causes of infant death were infections which caused 22 or 8% of the deaths and violence which caused 9 deaths (3%).

CHART 9

Infant Mortality Rates

Montana and United States: 1933-1970



Maternal Deaths

Maternal deaths are defined as those deaths in which the physician attributes the death to complications of pregnancy, child birth, and the puerperium.

There were three maternal deaths in Montana in 1970. This produces a rate of 23.8 per hundred thousand live births compared with a rate of 24.7 for the United States.

Because the number of maternal deaths among Montana residents is so low, chance alone may account for relatively large yearly changes in the rate. Since statistical analysis of such a small number of deaths is not very productive, Table 12 is simply a list which provides information regarding the maternal deaths for Montana for the period 1962-1970.

Deaths

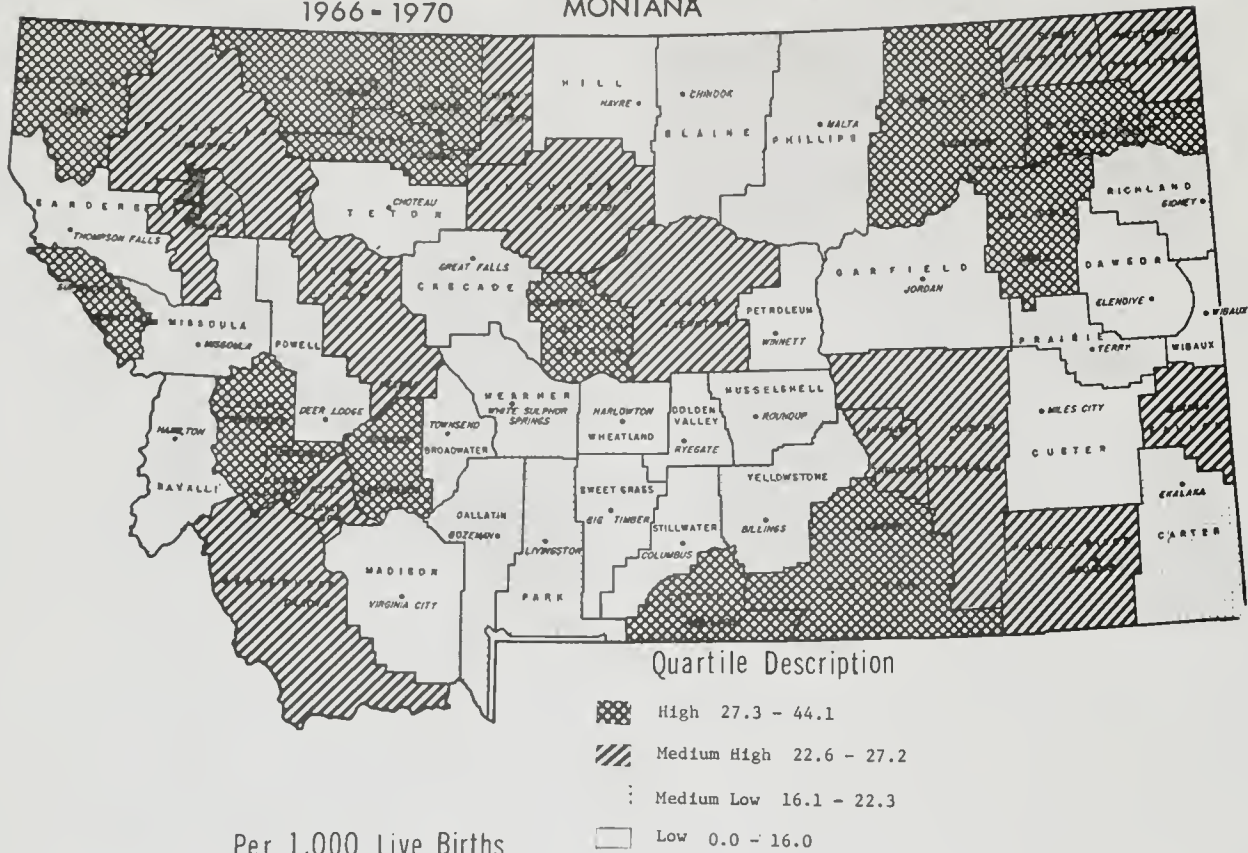
There were 6,597 resident deaths in Montana in 1970. The crude death rate for Montana was 9.5 per thousand population. The comparable figure for the United States was 9.4.

Montana has a population with a younger age distribution than that of the United States. The median age for Montanans in the 1970 census was 27.1 years compared with 28.1 years for the United States. One would expect, therefore,

Five Year Infant Death Rate By County of Residence

1966 - 1970

MONTANA



that Montana would have a lower crude death rate than would the nation. At least part of the excess mortality for Montana is explained by the high death rate from accidents (see discussion following).

In 1970, there was an average of 18.1 deaths per day during the year. This varied from a high of 19.8 in February to 17.0 in April.

Heart disease was listed as the cause of 2,229 resident deaths in 1970. The cause-specific death rate for Montana was 321.0 deaths per hundred thousand population. The national rate was 360.3.

The trend in heart disease in Montana has been relatively stable over the last eleven years.

Ischemic heart disease accounted for 1,898 resident deaths in 1970 or 85% of all heart disease. Of the deaths from ischemic heart disease, 62% were male, 38% female.

The death rate for cancer in Montana was 152.5 compared with a national rate of 162.0. There has been a slight increase in the cancer death rates over the past eight years in Montana. Of the cancer deaths, 605 (56%) were among males and 467 (44%) among females.

Cerebrovascular disease (stroke) is the third leading cause of death in Montana. The trend over the eleven years has been stable. The Montana rate of 101.2 deaths per hundred thousand population is close to that for the United States-101.7.

Accidents are the fourth leading cause of death in Montana. The trend has been slightly upward over the past eleven years. In 1970, the Montana rate (82.2 deaths per 100,000 population) is 52% higher than that for the United States (54.2). Accidents caused by motor vehicles and "other accidents" are equally responsible for the large difference. The motor vehicle death rate for Montana is 41.8; for the United States, 26.2. Montana's "other accident" rate showed 40.5 while the one for the United States is 28.0. Data are not yet available for the United States which permit computations of death rates in such detail as are necessary to ascertain the causes most responsible for the difference in the "other accident" rate. In the years prior to and including 1967, death rates for accidents caused by falls, falling objects, machinery, firearms and drowning consistently showed a large deviation from the corresponding United States figures.

CHART 11
RATES FOR THE FOUR LEADING CAUSES OF DEATH
Montana, 1960-1970

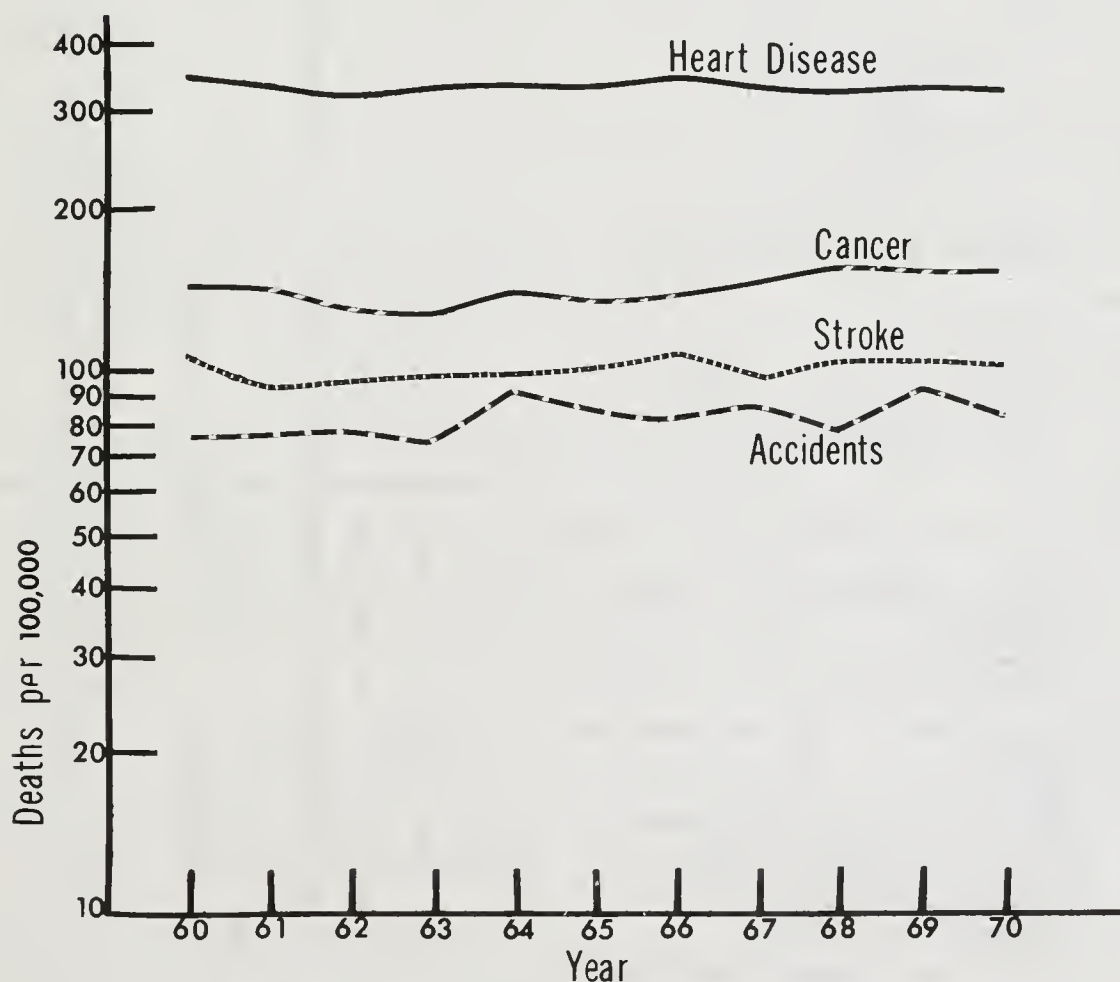


TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1978

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
	ALL CAUSES	6,597	3,789	187	2,497	124
000-136	INFECTIVE AND PARASITIC DISEASES	44	22	4	14	4
000-009	INTESTINAL INFECTIOUS DISEASES	12	9	-	2	1
008	ENTERITIS DUE TO OTHER SPECIFIED ORGANISM.	3	2	-	1	-
009	DIARRHEAL DISEASE.	9	7	-	1	1
010-019	TUBERCULOSIS	12	6	2	2	2
010	SILICOTUBERCULOSIS	1	1	-	-	-
011	PULMONARY TUBERCULOSIS	8	4	1	2	1
016	GENITOURINARY SYSTEM	1	-	-	-	1
018	DISSEMINATED	1	-	1	-	-
019	LATE EFFECTS	1	1	-	-	-
030-039	OTHER BACTERIAL DISEASES	7	2	1	4	-
032	DIPHTHERIA	2	2	-	-	-
036	MENINGOCOCCAL INFECTION.	1	-	-	1	-
038	SEPTICEMIA	3	-	1	2	-
039	OTHER BACTERIAL DISEASES	1	-	-	1	-
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	2	-	-	2	-
052	CHICKENPOX	1	-	-	1	-
056	RUBEOLA.	1	-	-	1	-
060-068	ARTHROPOD-BORNE VIRAL DISEASES	2	1	-	-	1
065	VIRAL ENCEPHALITIS, UNSPECIFIED.	2	1	-	-	1
070-079	OTHER VIRAL DISEASES	3	1	-	2	-
075	INFECTIOUS MONONUCLEOSIS	2	-	-	2	-
079	OTHER VIRAL DISEASES	1	1	-	-	-
090-099	SYPHILIS & OTHER VENEREAL DISEASES	3	1	1	1	-
093	CARDIOVASCULAR SYPHILIS.	2	1	-	1	-
094	SYPHILIS OF CENTRAL NERVOUS SYSTEM	1	-	1	-	-
110-117	MYCOSES.	1	-	-	1	-
115	HISTOPLASMOSIS	1	-	-	1	-
130-136	OTHER INFECTIVE & PARASITIC DISEASES	2	2	-	-	-
135	SARCOIDOSIS.	1	1	-	-	-
136	OTHER AND UNSPECIFIED INFECTIVE AND PARASITIC DISEASES	1	1	-	-	-
140-239	NEOPLASMS.	1,072	595	10	454	13
140-149	MALIGNANT NEOPLASM OF BUCCAL CAVITY & PHARYNX.	17	13	-	4	-
140	LIP.	2	2	-	-	-
141	TONGUE	2	2	-	-	-
145	OTHER AND UNSPECIFIED PARTS OF MOUTH	6	5	-	1	-
146	OROPHARYNX	2	1	-	1	-
147	NASOPHARYNX.	2	2	-	-	-
148	HYPOPHARYNX.	1	-	-	1	-
149	PHARYNX, UNSPECIFIED	2	1	-	1	-
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND					
	PERITONEUM	290	155	4	127	4
150	ESOPHAGUS.	15	18	-	5	-
151	STOMACH.	44	28	1	14	1
152	SMALL INTESTINE, INCLUDING DUODENUM.	1	1	-	-	-
153	LARGE INTESTINE, EXCEPT RECTUM	113	54	-	59	-
154	RECTUM AND RECTOSIGMOID JUNCTION	27	11	1	14	1
155	LIVER AND INTRAHEPATIC BILE DUCTS, SPECIFIED AS PRIMARY	8	3	-	3	2
156	GALLBLADDER AND BILE DUCTS	9	3	-	6	-
157	PANCREAS	67	41	2	24	-
158	PERITONEUM AND RETROPERITONEAL TISSUE.	4	3	-	1	-

TABLE 9
DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
159	DIGESTIVE ORGANS, UNSPECIFIED.	2	1	-	1	-
160-163	MALIGNANT NEOPLASM OF RESPIRATORY SYSTEM	193	156	2	35	-
160	NOSE, NASAL CAVITIES, MIDDLE EAR AND ACCESSORY SINUSES.	1	1	-	-	-
161	LARYNX	6	5	-	1	-
162	TRACHEA, BRONCHUS, AND LUNG.	186	150	2	34	-
170-174	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN, & BREAST	132	19	-	109	4
170	BONE	4	1	-	3	-
171	CONNECTIVE AND OTHER SOFT TISSUE	10	7	-	3	-
172	MALIGNANT MELANOMA OF SKIN	12	7	-	5	-
173	OTHER MALIGNANT NEOPLASM OF SKIN	3	2	-	1	-
174	BREAST	103	2	-	97	4
180-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	211	122	1	86	2
180	CERVIX UTERI	20	-	-	18	2
182	OTHER MALIGNANT NEOPLASM OF UTERUS	14	-	-	14	-
183	OVARY, FALLOPIAN TUBE, AND BROAD LIGAMENT.	27	-	-	27	-
184	OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	5	-	-	5	-
185	PROSTATE	75	74	1	-	-
186	TESTIS	3	3	-	-	-
188	BLADDER.	40	31	-	9	-
189	OTHER AND UNSPECIFIED URINARY ORGANS	27	14	-	13	-
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES.	96	55	-	39	2
190	EYE.	3	3	-	-	-
191	BRAIN.	24	18	-	6	-
192	OTHER PARTS OF NERVOUS SYSTEM.	10	8	-	2	-
193	THYROID GLAND.	5	-	-	4	1
194	OTHER ENDOCRINE GLANDS	1	1	-	-	-
195	ILL-DEFINED SITES.	10	4	-	6	-
197	SECONDARY MALIGNANT NEOPLASM OF RESPIRA- TORY AND DIGESTIVE SYSTEMS	15	8	-	7	-
198	OTHER SECONDARY MALIGNANT NEOPLASM	8	5	-	2	1
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE.	20	8	-	12	-
200-209	NEOPLASMS OF LYMPHATIC AND HEMATOPOIETIC TISSUE	120	69	2	48	1
200	LYMPHOSARCOMA AND RETICULUM-CELL SARCOMA	21	13	-	8	-
201	HODGKINS DISEASE	9	7	-	2	-
202	OTHER NEOPLASMS OF LYMPHOID TISSUE	10	3	-	7	-
203	MULTIPLE MYELOMA	21	11	2	8	-
204	LYMPHATIC LEUKEMIA	22	15	-	7	-
205	MYELOID LEUKEMIA	16	8	-	7	1
206	MONOCYTIC LEUKEMIA	5	3	-	2	-
207	OTHER AND UNSPECIFIED LEUKEMIA	8	3	-	5	-
208	POLYCYTHEMIA VERA.	4	3	-	1	-
209	MYELOFIBROSIS.	4	3	-	1	-
210-228	BENIGN NEOPLASMS	5	2	1	2	-
211	OTHER PARTS OF DIGESTIVE SYSTEM.	1	-	-	1	-
220	OVARY.	1	-	-	1	-
225	BRAIN AND OTHER PARTS OF NERVOUS SYSTEM.	3	2	1	-	-
230-239	NEOPLASM OF UNSPECIFIED NATURE	8	4	-	4	-
230	DIGESTIVE ORGANS	1	-	-	1	-
231	RESPIRATORY ORGANS	2	2	-	-	-
238	EYE, BRAIN, AND OTHER PARTS OF NERVOUS SYSTEM	5	2	-	3	-
240-279	ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES	140	73	4	60	3
280-289	DISEASES OF OTHER ENDOCRINE GLANDS	119	61	4	51	3

TABLE 9
DEATHS BY CAUSE, SEX, AND COLOR
MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
250	DIABETES MELLITUS.	111	56	3	49	3
251	DISORDERS OF PANCREATIC INTERNAL SECRETION OTHER THAN DIABETES MEL.	1	-	1	-	-
255	DISEASES OF ADRENAL GLANDS	6	4	-	2	-
258	POLYGLANDULAR DYSFUNCTION & OTHER DISEASES OF ENDOCRINE GLANDS.	1	1	-	-	-
260-269	AVITAMINOSES AND OTHER NUTRITIONAL DEFICIENCY. . . .	3	3	-	-	-
268	NUTRITIONAL MARASMUS	1	1	-	-	-
269	OTHER NUTRITIONAL DEFICIENCY	2	2	-	-	-
270-279	OTHER METABOLIC DISEASES	18	9	-	9	-
271	CONGENITAL DISORDERS OF CARBOHYDRATE METABOLISM	1	-	-	1	-
273	OTHER & UNSPECIFIED CONGENITAL DISORDERS OF METABOLISM.	3	2	-	1	-
274	GOUT	4	3	-	1	-
275	PLASMA PROTEIN ABNORMALITIES	1	1	-	-	-
276	AMYLOIDOSIS.	1	-	-	1	-
277	OBESITY NOT SPECIFIED AS OF ENDOCRINE ORIGIN	7	2	-	5	-
279	OTHER AND UNSPECIFIED METABOLIC DISEASES	1	1	-	-	-
280-289	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	19	12	1	5	1
280-289	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	19	12	1	5	1
280	IRON DEFICIENCY ANEMIAS.	1	-	-	-	1
281	OTHER DEFICIENCY ANEMIAS	1	1	-	-	-
282	HEREDITARY HEMOLYTIC ANEMIAS	1	-	-	1	-
283	ACQUIRED HEMOLYTIC ANEMIAS	1	1	-	-	-
284	APLASTIC ANEMIA.	4	3	-	1	-
285	OTHER AND UNSPECIFIED ANEMIAS.	5	2	1	2	-
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS	3	2	-	1	-
288	AGRANULOCYTOSIS.	2	2	-	-	-
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	1	1	-	-	-
290-315	MENTAL DISORDERS	42	23	9	8	2
290-299	PSYCHOSES.	10	6	1	3	-
290	SENILE AND PRESENILE DEMENTIA.	3	2	-	1	-
291	ALCOHOLIC PSYCHOSIS.	5	3	1	1	-
295	SCHIZOPHRENIA.	1	1	-	-	-
298	OTHER PSYCHOSES.	1	-	-	1	-
300-309	NEUROSES, PERSONALITY DISORDERS, & OTHER NON- PSYCHOTIC MENTAL DISORDERS	32	17	8	5	2
303	ALCOHOLISM	25	15	8	1	1
306	SPECIAL SYMPTOMS NOT ELSEWHERE CLASSIFIED. . . .	2	-	-	1	1
309	MENTAL DISORDERS NOT SPECIFIED PSYCHOTIC WITH PHYSICAL CONDITIONS	5	2	-	3	-
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	56	30	-	23	3
320-324	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	9	4	-	4	1
320	MENINGITIS	6	2	-	3	1
323	ENCEPHALITIS, MYELITIS, AND ENCEPHALO- MYELITIS	3	2	-	1	-
330-333	HEREDITARY AND FAMILIAL DISEASES OF NERVOUS SYSTEM	8	6	-	2	-
330	HEREDITARY NEUROMUSCULAR DISORDERS	5	3	-	2	-
331	HEREDITARY DISEASES OF THE STRIATOPALLIDAL SYSTEM	2	2	-	-	-

TABLE 9
DEATHS BY CAUSE, SEX, AND COLOR
MONTANA, 1970
BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
333	OTHER HEREDITARY AND FAMILIAL DISEASES OF NERVOUS SYSTEM	1	1	-	-	-
340-349	OTHER DISEASES OF CENTRAL NERVOUS SYSTEM	38	20	-	16	2
340	MULTIPLE SCLEROSIS	6	1	-	4	1
342	PARALYSIS AGITANS.	14	10	-	4	-
343	CEREBRAL SPASTIC INFANTILE PARALYSIS	1	-	-	1	-
344	OTHER CEREBRAL PARALYSIS	2	2	-	-	-
345	EPILEPSY	4	2	-	1	1
347	OTHER DISEASES OF BRAIN.	6	3	-	3	-
348	MOTOR NEURONE DISEASE.	5	2	-	3	-
370-379	OTHER DISEASES AND CONDITIONS OF EYE	1	-	-	1	-
374	CATARACT	1	-	-	1	-
390-458	DISEASES OF THE CIRCULATORY SYSTEM	3,251	1,818	55	1,345	33
393-398	CHRONIC RHEUMATIC HEART DISEASE.	48	19	2	27	-
394	DISEASES OF MITRAL VALVE	13	2	1	10	-
395	DISEASES OF AORTIC VALVE	10	7	1	2	-
396	DISEASES OF MITRAL AND AORTIC VALVES	7	2	-	5	-
397	DISEASES OF OTHER ENDOCARDIAL STRUCTURES	7	2	-	5	-
398	OTHER HEART DISEASE, SPECIFIED AS RHEUMATIC.	11	6	-	5	-
400-404	HYPERTENSIVE DISEASE	54	24	1	28	1
400	MALIGNANT HYPERTENSION	2	-	-	2	-
401	ESSENTIAL BENIGN HYPERTENSION.	3	2	-	1	-
402	HYPERTENSIVE HEART DISEASE	16	7	-	8	1
403	HYPERTENSIVE RENAL DISEASE	10	5	-	5	-
404	HYPERTENSIVE HEART AND RENAL DISEASE	23	10	1	12	-
410-414	ISCHEMIC HEART DISEASE	1,898	1,154	30	702	12
410	ACUTE MYOCARDIAL INFARCTION.	1,186	768	21	392	5
411	OTHER ACUTE & SUBACUTE FORMS OF ISCHEMIC HEART DISEASE.	8	3	1	4	-
412	CHRONIC ISCHEMIC HEART DISEASE	704	383	8	306	7
420-429	OTHER FORMS OF HEART DISEASE	244	148	8	84	4
420	ACUTE PERICARDITIS, NONRHEUMATIC	1	1	-	-	-
421	ACUTE AND SUBACUTE ENDOCARDITIS.	3	3	-	-	-
422	ACUTE MYOCARDITIS.	2	-	-	2	-
423	CHRONIC DISEASE OF PERICARDIUM, NONRHEUMATIC	3	2	1	-	-
424	CHRONIC DISEASE OF ENDOCARDIUM	8	5	-	3	-
426	PULMONARY HEART DISEASE.	2	-	-	2	-
427	SYMPTOMATIC HEART DISEASE.	102	53	5	41	3
428	OTHER MYOCARDIAL INSUFFICIENCY	39	20	-	19	-
429	ILL-DEFINED HEART DISEASE.	84	64	2	17	1
430-438	CEREBROVASCULAR DISEASE.	703	313	11	367	12
430	SUBARACHNOID HEMORRHAGE.	27	11	1	14	1
431	CEREBRAL HEMORRHAGE.	107	47	5	53	2
432	OCCLUSION OF CEREBRAL ARTERIES.	9	6	-	3	-
433	CEREBRAL THROMBOSIS.	172	87	2	80	3
434	CEREBRAL EMBOLISM.	3	1	-	2	-
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE.	249	112	2	131	4
437	GENERALIZED ISCHEMIC CEREBROVASCULAR DISEASE.	134	48	1	83	2
438	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE.	2	1	-	1	-
440-448	DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES.	255	130	3	120	2
440	ARTERIOSCLEROSIS	162	73	1	87	1
441	AORTIC ANEURYSM - NONSYPHILITIC.	37	26	1	10	-
442	OTHER ANEURYSM	2	2	-	-	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
443	OTHER PERIPHERAL VASCULAR DISEASE.	2	1	-	1	-
444	ARTERIAL EMBOLISM AND THROMBOSIS.	37	18	1	18	-
445	GANGRENE.	10	8	-	2	-
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS.	3	1	-	2	-
447	OTHER DISEASES OF ARTERIES AND ARTERIOLES.	2	1	-	-	1
450-458	DISEASES OF VEINS & LYMPHATICS, & OTHER DIS. OF CIRCULATORY SYSTEM.	49	30	-	17	2
450	PULMONARY EMBOLISM AND INFARCTION.	30	18	-	11	1
451	PHLEBITIS AND THROMBOPHLEBITIS.	12	7	-	4	1
453	OTHER VENOUS EMBOLISM AND THROMBOSIS.	2	1	-	1	-
454	VARICOSE VEINS OF LOWER EXTREMITIES.	1	1	-	-	-
456	VARICOSE VEINS OF OTHER SITES.	1	1	-	-	-
458	OTHER DISEASES OF CIRCULATORY SYSTEM.	3	2	-	1	-
460-519	DISEASES OF THE RESPIRATORY SYSTEM.	442	289	15	129	9
460-466	ACUTE RESPIRATORY INFECTIONS, EXCEPT INFLUENZA.	6	2	2	2	-
464	ACUTE LARYNGITIS AND TRACHEITIS.	1	-	-	1	-
465	ACUTE UPPER RESPIRATORY INFECTION OF MULT- IPLE OR UNSPECIFIED SITES.	1	1	-	-	-
466	ACUTE BRONCHITIS AND BRONCHIOLITIS.	4	1	2	1	-
470-474	INFLUENZA.	8	3	1	4	-
470	INFLUENZA, UNQUALIFIED.	4	2	1	1	-
471	INFLUENZA WITH PNEUMONIA.	1	-	-	1	-
473	INFLUENZA WITH DIGESTIVE MANIFESTATIONS.	3	1	-	2	-
480-486	PNEUMONIA.	213	111	7	87	8
480	VIRAL PNEUMONIA.	2	1	-	1	-
481	PNEUMOCOCCAL PNEUMONIA.	14	9	-	5	-
482	OTHER BACTERIAL PNEUMONIA.	6	2	-	4	-
484	ACUTE INTERSTITIAL PNEUMONIA.	1	-	-	1	-
485	BRONCHOPNEUMONIA, UNSPECIFIED.	77	41	2	31	3
486	PNEUMONIA, UNSPECIFIED.	113	58	5	45	5
490-493	BRONCHITIS, EMPHYSEMA, AND ASTHMA.	173	140	4	28	1
490	BRONCHITIS, UNQUALIFIED.	3	1	1	1	-
491	CHRONIC BRONCHITIS.	16	12	-	3	1
492	EMPHYSEMA.	144	124	3	17	-
493	ASTHMA.	10	3	-	7	-
500-508	OTHER DISEASES OF UPPER RESPIRATORY TRACT.	1	1	-	-	-
500	HYPERTROPHY OF TONSILS AND ADENOIDS.	1	1	-	-	-
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM.	41	32	1	8	-
510	EMPHYEMA.	1	1	-	-	-
513	ABSCESS OF LUNG.	2	1	-	1	-
514	PULMONARY CONGESTION AND HYPOSTASIS.	6	5	-	1	-
515	PNEUMOCONIOSIS DUE TO SILICA AND SILICATES.	4	4	-	-	-
517	OTHER CHRONIC INTERSTITIAL PNEUMONIA.	6	4	-	2	-
518	BRONCHIECTASIS.	2	-	1	1	-
519	OTHER DISEASES OF RESPIRATORY SYSTEM.	20	17	-	3	-
520-577	DISEASES OF THE DIGESTIVE SYSTEM.	251	128	10	101	12
520-529	DISEASES OF ORAL CAVITY, SALIVARY GLANDS, AND JAWS.	3	-	-	2	1
522	DISEASES OF PULP AND PERIAPICAL TISSUES.	1	-	-	-	1
527	DISEASES OF THE SALIVARY GLANDS.	2	-	-	2	-
530-537	DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM.	42	25	1	16	-
530	DISEASES OF ESOPHAGUS.	2	1	-	1	-
531	ULCER OF STOMACH.	10	6	-	4	-
532	ULCER OF DUODENUM.	14	9	1	4	-
533	PEPTIC ULCER, SITE UNSPECIFIED.	13	7	-	6	-

TABLE 9
DEATHS BY CAUSE, SEX, AND COLOR
MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
534	GASTROJEJUNAL ULCER.	2	2	-	-	-
535	GASTRITIS AND DUODENITIS	1	-	-	1	-
540-543	APPENDICITIS	6	4	2	-	-
540	ACUTE APPENDICITIS	6	4	2	-	-
550-553	HERNIA OF ABDOMINAL CAVITY	8	5	-	3	-
550	INGUINAL HERNIA WITHOUT MENTION OF OBSTRUCTION.	1	1	-	-	-
551	OTHER HERNIA OF ABDOMINAL CAVITY WITHOUT MENTION OF OBSTRUCTION	4	2	-	2	-
552	INGUINAL HERNIA WITH OBSTRUCTION	1	1	-	-	-
553	OTHER HERNIA OF ABDOMINAL CAVITY WITH OBSTRUCTION.	2	1	-	1	-
560-569	OTHER DISEASES OF INTESTINE AND PERITONEUM	61	32	2	27	-
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	15	7	1	7	-
562	DIVERTICULA OF INTESTINE	13	9	-	4	-
563	CHRONIC ENTERITIS AND ULCERATIVE COLITIS	9	3	-	6	-
566	ABSCESS OF ANAL AND RECTAL REGIONS	1	1	-	-	-
567	PERITONITIS.	2	1	-	1	-
569	OTHER DISEASES OF INTESTINES & PERITONEUM.	21	11	1	9	-
570-577	DISEASES OF LIVER, GALLBLADDER, AND PANCREAS	131	62	5	53	11
570	ACUTE AND SUBACUTE NECROSIS OF LIVER	4	-	-	3	1
571	CIRRHOSIS OF LIVER	98	49	4	37	8
573	OTHER DISEASES OF LIVER.	2	-	-	1	1
574	CHOLELITHIASIS	10	3	1	6	-
575	CHOLECYSTITIS & CHOLANGITIS, WITHOUT MENTION OF CALCULUS.	5	2	-	2	1
576	OTHER DISEASES OF GALLBLADDER & BILIARY DUCTS.	4	3	-	1	-
577	DISEASES OF PANCREAS	8	5	-	3	-
580-629	DISEASES OF THE GENITOURINARY SYSTEM	98	54	2	37	5
580-584	NEPHRITIS AND NEPHROSIS.	26	14	-	11	1
580	ACUTE NEPHRITIS.	3	2	-	1	-
581	NEPHROTIC SYNDROME	1	-	-	1	-
582	CHRONIC NEPHRITIS.	20	11	-	8	1
583	NEPHRITIS, UNQUALIFIED	2	1	-	1	-
590-599	OTHER DISEASES OF URINARY SYSTEM	57	28	1	24	4
590	INFECTIONS OF KIDNEY	33	16	1	14	2
591	HYDRONEPHROSIS	1	1	-	-	-
592	CALCULUS OF KIDNEY AND URETER.	1	-	-	1	-
593	OTHER DISEASES OF KIDNEY AND URETER.	5	2	-	3	-
594	CALCULUS OF OTHER PARTS OF URINARY SYSTEM.	2	2	-	-	-
595	CYSTITIS	3	-	-	2	-
596	OTHER DISEASES OF BLADDER.	2	1	-	1	-
598	STRICTURE OF URETHRA	2	2	-	-	-
599	OTHER DISEASES OF URINARY TRACT.	8	3	-	3	2
600-607	DISEASES OF MALE GENITAL ORGANS.	13	12	1	-	-
600	HYPERPLASIA OF PROSTATE.	12	11	1	-	-
601	PROSTATITIS.	1	1	-	-	-
610-616	DISEASES OF BREAST, OVARY, FALLOPIAN TUBE, AND PARAMETRIUM.	1	-	-	1	-
614	SALPINGITIS AND OOPHORITIS, UNQUALIFIED.	1	-	-	1	-
620-629	DISEASES OF UTERUS AND OTHER FEMALE GENITAL ORGANS	1	-	-	1	-
625	OTHER DISEASES OF UTERUS	1	-	-	1	-
630-678	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	3	-	-	3	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	C A U S E O F D E A T H	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
650-662	DELIVERY	1	-	-	1	-
661	DELIVERY WITH OTHER COMPLICATIONS.	1	-	-	1	-
670-678	COMPLICATIONS OF THE PUERPERIUM.	2	-	-	2	-
673	PUERPERAL PULMONARY EMBOLISM	1	-	-	1	-
677	OTHER AND UNSPECIFIED COMPLICATIONS OF THE PUERPERIUM	1	-	-	1	-
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	4	-	-	4	-
680-686	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	2	-	-	2	-
682	OTHER CELLULITIS AND ABSCESS	1	-	-	1	-
683	ACUTE LYMPHADENITIS.	1	-	-	1	-
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE.	2	-	-	2	-
695	ERYTHEMATOUS CONDITIONS.	2	-	-	2	-
710-738	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE.	28	7	-	20	1
710-718	ARTHRITIS AND RHEUMATISM, EXCEPT RHEUMATIC FEVER.	14	4	-	9	1
712	RHEUMATOID ARTHRITIS AND ALLIED CONDITIONS	11	3	-	8	-
713	OSTEOARTHRITIS AND ALLIED CONDITIONS	2	1	-	1	-
715	ARTHRITIS, UNSPECIFIED	1	-	-	-	1
720-729	OSTEOMYELITIS AND OTHER DISEASES OF BONE AND JOINT.	5	1	-	4	-
720	OSTEOMYELITIS AND PERIOSTITIS.	1	1	-	-	-
723	OTHER DISEASES OF BONE	3	-	-	3	-
729	OTHER DISEASES OF JOINT.	1	-	-	1	-
730-738	OTHER DISEASES OF MUSCULOSKELETAL SYSTEM	9	2	-	7	-
733	OTHER DISEASES OF MUSCLE, TENDON, AND FASCIA	1	-	-	1	-
734	DIFFUSE DISEASES OF CONNECTIVE TISSUE.	8	2	-	6	-
740-759	CONGENITAL ANOMALIES	58	33	4	20	1
740-759	CONGENITAL ANOMALIES	58	33	4	20	1
740	ANENCEPHALUS	5	3	-	2	-
741	SPINA BIFIDA	3	1	-	2	-
742	CONGENITAL HYDROCEPHALUS	3	3	-	-	-
743	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	1	1	-	-	-
746	CONGENITAL ANOMALIES OF HEART.	24	15	1	7	1
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	2	1	-	1	-
750	OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT	1	1	-	-	-
751	OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	4	1	-	3	-
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	4	1	1	2	-
756	OTHER CONGENITAL ANOMALIES OF MUSCULO- SKELETAL SYSTEM.	5	2	1	2	-
759	CONGENITAL SYNDROMES AFFECTING MULTIPLE SYSTEMS.	6	4	1	1	-
760-779	CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY.	166	90	9	61	6
760-779	CERTAIN CAUSES OF PERINATAL MORBIDITY AND MORTALITY.	166	90	9	61	6
761	OTHER MATERNAL CONDITIONS UNRELATED TO PREGNANCY.	3	2	-	1	-
762	TOXEMIA OF PREGNANCY	2	1	-	1	-

TABLE 9

DEATHS BY CAUSE, SEX, AND COLOR

MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
763	MATERNAL ANTE- AND INTRAPARTUM INFECTION	2	-	-	1	1
766	DIFFICULT LABOR WITH MALPOSITION OF FETUS.	2	2	-	-	-
768	DIFFICULT LABOR WITH OTHER AND UNSPECIFIED COMPLICATIONS.	2	2	-	-	-
769	OTHER COMPLICATIONS OF PREGNANCY AND CHILD BIRTH	9	6	1	2	-
770	CONDITIONS OF PLACENTA	6	3	-	3	-
771	CONDITIONS OF UMBILICAL CORD	4	4	-	-	-
772	BIRTH INJURY WITHOUT MENTION OF CAUSE.	3	1	-	2	-
775	HEMOLYTIC DISEASE OF NEWBORN WITHOUT MENTION OF KERNICTERUS	5	4	-	1	-
776	ANOXIC AND HYPOXIC CONDITIONS NOT ELSEWHERE CLASSIFIABLE	76	34	6	33	3
777	IMMATURITY, UNQUALIFIED.	45	26	2	15	2
778	OTHER CONDITIONS OF FETUS OR NEWBORN	7	5	-	2	-
780-796	SYMPTOMS AND ILL-DEFINED CONDITIONS.	205	134	6	61	4
780-789	SYMPTOMS REFERABLE TO SYSTEMS OR ORGANS.	56	29	4	23	-
780	CERTAIN SYMPTOMS REFERABLE TO NERVOUS SYSTEM AND SPECIAL SENSES	2	1	-	1	-
782	SYMPTOMS REFERABLE TO CARDIOVASCULAR AND LYMPHATIC SYSTEM	52	28	3	-	-
783	SYMPTOMS REFERABLE TO RESPIRATORY SYSTEM	1	-	1	-	-
784	SYMPTOMS REFERABLE TO UPPER GASTRO- INTESTINAL TRACT	1	-	-	1	-
790-796	SENILITY AND ILL-DEFINED DISEASES.	149	105	2	8	4
792	UREMIA	1	1	-	-	-
793	OBSERVATION, WITHOUT NEED FOR FURTHER MEDICAL CARE	1	1	-	-	-
794	SENILITY WITHOUT MENTION OF PSYCHOSIS.	14	4	-	9	1
795	SUDDEN DEATH - CAUSE UNKNOWN	4	1	-	3	-
796	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY.	129	98	2	26	3
800-999	ACCIDENTS, POISONINGS, AND VIOLENCE.	718	481	58	152	27
800-807	RAILWAY ACCIDENTS.	8	3	5	-	-
802	RAILWAY ACCIDENT INVOLVING DERAILMENT WITH -OUT ANTECEDENT COLLISION	1	-	1	-	-
804	FALL IN, ON, OR FROM TRAIN	1	-	1	-	-
805	HIT BY ROLLING STOCK	6	3	3	-	-
810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS.	278	189	19	58	12
810	INVOLVING COLLISION WITH RAILWAY TRAIN	12	9	-	3	-
812	INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE.	98	57	6	28	7
813	INVOLVING COLLISION WITH OTHER VEHICLE	2	2	-	-	-
814	INVOLVING COLLISION WITH PEDESTRIAN.	18	8	3	6	1
815	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION.	27	21	4	2	-
816	NONCOLLISION TRAFFIC ACCIDENT DUE TO LOSS OF CONTROL	117	90	6	17	4
818	OTHER NONCOLLISION TRAFFIC ACCIDENT.	2	-	-	2	-
819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	2	2	-	-	-
820-823	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	12	9	2	1	-
820	NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH MOVING OBJECT	8	6	2	-	-
823	NONTRAFFIC ACCIDENT OF OTHER & UNSPECIFIED NATURE	4	3	-	1	-
825-827	OTHER ROAD VEHICLE ACCIDENTS	5	4	-	1	-
826	PEDAL CYCLE ACCIDENT	1	1	-	-	-
827	OTHER NONMOTOR ROAD VEHICLE ACCIDENT	4	3	-	1	-
830-838	WATER TRANSPORT ACCIDENTS.	9	7	2	-	-

TABLE 9
DEATHS BY CAUSE, SEX, AND COLOR
MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION.	8	6	2	-	-
832	OTHER ACCIDENTAL SUBMERSION OR DROWNING IN WATER TRANSPORT.	1	1	-	-	-
840-845	AIR AND SPACE TRANSPORT ACCIDENTS.	14	9	-	5	-
840	ACCIDENT TO POWERED AIRCRAFT AT TAKE-OFF OR LANDING.	4	2	-	2	-
841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED.	10	7	-	3	-
850-859	ACCIDENTAL POISONING BY DRUGS AND MEDICAMENTS.	1	-	-	1	-
855	BY AUTONOMIC NERVOUS SYSTEM AND PSYCHOTHERAPEUTIC DRUGS.	1	-	-	1	-
860-869	ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES.	3	2	-	1	-
869	BY OTHER AND UNSPECIFIED SOLID AND LIQUID SUBSTANCES.	3	2	-	1	-
870-877	ACCIDENTAL POISONING BY GASES AND VAPORS.	9	6	-	3	-
871	BY LIQUEFIED PETROLEUM GAS DISTRIBUTED IN MOBILE CONTAINERS.	2	2	-	-	-
873	BY MOTOR VEHICLE EXHAUST GAS.	6	4	-	2	-
876	BY OTHER GASES AND VAPORS.	1	-	-	1	-
880-887	ACCIDENTAL FALLS.	86	48	5	33	-
880	FALL ON OR FROM STAIRS OR STEPS.	5	3	-	2	-
881	FALL ON OR FROM LADDERS OR SCAFFOLDING.	3	2	1	-	-
882	FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE.	2	2	-	-	-
884	THIR FALL FROM ONE LEVEL TO ANOTHER.	12	8	3	1	-
885	SAME LEVEL FROM SLIPPING, STUMBLING OR TRIPPING.	8	3	-	5	-
886	SAME LEVEL FROM COLLISION, PUSHING, OR SHOVING BY OTHER PERSON.	1	1	-	-	-
887	OTHER AND UNSPECIFIED FALL.	55	29	1	25	-
890-899	ACCIDENTS CAUSED BY FIRES AND FLAMES.	15	8	2	2	3
890	CONFLAGRATION IN PRIVATE DWELLING.	11	7	2	-	2
894	IGNITION OF HIGHLY INFLAMMABLE MATERIAL.	2	-	-	1	1
898	OTHER SPECIFIED FIRES OR FLAMES.	2	1	-	1	-
900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS.	11	6	2	2	1
900	EXCESSIVE HEAT.	1	1	-	-	-
901	EXCESSIVE COLD.	3	2	-	1	-
904	HUNGER, THIRST, EXPOSURE AND NEGLECT.	1	-	1	-	-
906	OTHER ACCIDENTS CAUSED BY ANIMALS.	3	2	-	1	-
907	LIGHTNING.	1	1	-	-	-
908	CATAclysm.	2	-	1	-	1
910-929	OTHER ACCIDENTS.	111	93	8	10	-
910	ACCIDENTAL DROWNING AND SUBMERSION.	28	21	4	3	-
911	INHALATION & INGESTION OF FOOD CAUSING OBSTRUCTION OR SUFFOCATION.	10	6	1	3	-
912	INHALATION & ING. OF OTHER OBJECT CAUSING OBSTRUCTION OR SUFFOCATION.	1	1	-	-	-
913	ACCIDENTAL MECHANICAL SUFFOCATION.	8	6	1	1	-
916	STRUCK ACCIDENTALLY BY FALLING OBJECT.	14	14	-	-	-
917	STRIKING AGAINST OR STRUCK ACCIDENTALLY BY OBJECTS.	5	5	-	-	-
918	CAUGHT ACCIDENTALLY IN OR BETWEEN OBJECTS.	8	8	-	-	-
919	OVEREXERTION AND STRENUOUS MOVEMENTS.	2	2	-	-	-
920	CAUSED BY CUTTING OR PIERCING INSTRUMENTS.	1	-	1	-	-
922	CAUSED BY FIREARM MISSILES.	15	13	1	1	-
923	CAUSED BY EXPLOSIVE MATERIAL.	3	3	-	-	-
924	CAUSED BY HOT SUBSTANCE, CORROSIVE LIQUID, AND STEAM.	1	1	-	-	-

TABLE 9
DEATHS BY CAUSE, SEX, AND COLOR

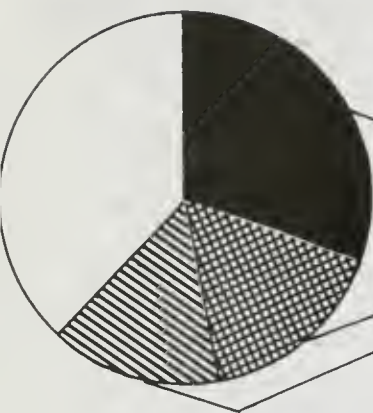
MONTANA, 1970

BY PLACE OF RESIDENCE

INTL. LIST NUMBER	CAUSE OF DEATH	TOTAL	MALE		FEMALE	
			WHITE	OTHER	WHITE	OTHER
925	CAUSED BY ELECTRIC CURRENT	4	2	-	2	-
927	VEHICLE ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	2	2	-	-	-
928	MACHINERY ACCIDENTS NOT ELSEWHERE CLASSIFIABLE	7	7	-	-	-
929	OTHER AND UNSPECIFIED ACCIDENTS	2	2	-	-	-
930-936	SURGICAL AND MEDICAL COMPLICATIONS AND MISADVENTURES	3	1	1	1	-
930	IN OPERATIVE THERAPEUTIC PROCEDURES	1	-	-	1	-
931	IN OTHER AND UNSPECIFIED THERAPEUTIC PROCEDURES	2	1	1	-	-
940-949	LATE EFFECTS OF ACCIDENTAL INJURY	6	4	-	1	1
940	LATE EFFECT OF MOTOR VEHICLE ACCIDENT	2	2	-	-	-
943	LATE EFFECT OF ACCIDENTAL FALL	2	1	-	1	-
944	LATE EFFECT OF ACCIDENT CAUSED BY FIRE	1	-	-	-	1
946	LATE EFFECT OF OTHER ACCIDENTS	1	1	-	-	-
950-959	SUICIDE AND SELF-INFLICTED INJURY	79	54	4	19	2
950	SELF-INFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	8	3	1	3	1
952	SELF-INFLICTED POISONING BY OTHER GASES	7	5	-	2	-
953	SELF-INFLICTED INJURY BY HANGING, STRANGU- LATION, AND SUFFOCATION	8	5	1	2	-
955	SELF-INFLICTED INJURY BY FIREARMS AND EXPLOSIVES	53	39	2	11	1
956	SELF-INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	2	1	-	1	-
957	SELF-INFLICTED INJURY BY JUMPING FROM HIGH PLACE	1	1	-	-	-
960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	30	18	3	5	4
960	FIGHT, BRAWL, RAPE	1	1	-	-	-
962	ASSAULT BY POISONING	1	-	-	1	-
963	ASSAULT BY HANGING AND STRANGULATION	1	-	-	1	-
965	ASSAULT BY FIREARMS AND EXPLOSIVES	14	10	1	1	2
966	ASSAULT BY CUTTING AND PIERCING INSTRUMENTS	6	2	2	-	2
968	ASSAULT BY OTHER AND UNSPECIFIED MEANS	6	4	-	2	-
969	LATE EFFECT OF INJURY PURPOSELY INFLICTED BY OTHER PERSON	1	1	-	-	-
980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	38	20	5	9	4
980	POISONING BY SOLID OR LIQUID SUBSTANCES	9	3	1	3	2
982	POISONING BY OTHER GASES	1	1	-	-	-
983	HANGING, STRANGULATION OR SUFFOCATION	1	1	-	-	-
984	SUBMERSION - DROWNING	1	-	-	1	-
985	INJURY BY FIREARMS AND EXPLOSIVES	10	9	-	1	-
986	INJURY BY CUTTING AND PIERCING INSTRUMENTS	1	-	1	-	-
988	INJURY BY OTHER AND UNSPECIFIED MEANS	15	6	3	4	2

Table 10

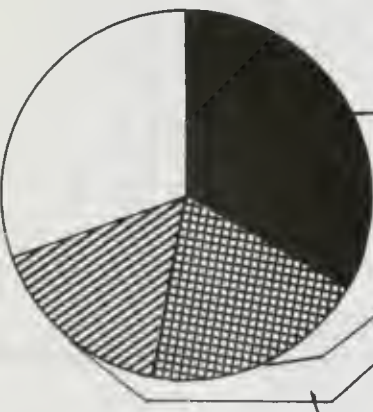
IMPORTANT CAUSES OF DEATH BY AGE GROUP
Mootana, 1970
(By place of residence)



CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
UNDER 1 YEAR				
Total, All Causes		272	100.0	
Birth injury, difficult labor and other hypoxic & anoxic conditions	764-768,772,776	83	30.5	1
Immaturity unqualified	777	45	16.5	2
Congenital malformations	740-759	41	15.1	3
Other diseases of early infancy (exclusive of infections)	760-763,769,770-771, 773-775,778	38	14.0	4
Pneumonia, all forms	480-486	12	4.4	5
Violent & accidental deaths	810-929,980-989	9	3.3	6
All other causes		44	16.2	



CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
1-4 YEARS				
Total, All Causes		46	100.0	
Motor vehicle accidents	810-823	10	21.7	1
Accidents, exclusive of motor vehicle	800-807,825-949	10	21.7	1
Malignant neoplasms	140-209	7	15.2	2
All other causes		19	41.3	



CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
5-14 YEARS				
Total, All Causes		72	100.0	
Accidents, exclusive of motor vehicle	800-807,825-949	24	33.3	1
Malignant neoplasms	140-209	14	19.4	2
Motor vehicle accidents	810-823	12	16.7	3
All other causes		22	30.6	

Table 10, Continued

IMPORTANT CAUSES OF DEATH BY AGE GROUP
Montana, 1970
(By place of residence)

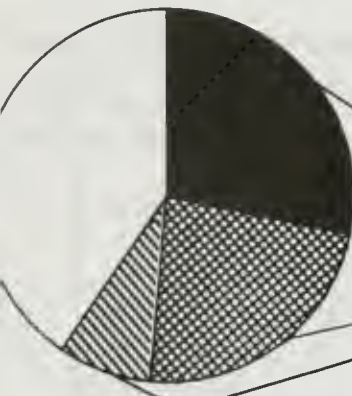
CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
15-24 YEARS				
Total, All Causes		195	100.0	
Motor vehicle accidents	810-823	90	46.2	1
Accidents, exclusive of motor vehicle	800-807,825-949	46	23.6	2
Suicides	950-959	13	6.7	3
Malignant neoplasms	140-209	9	4.6	4
Homicides	960-970	7	3.6	5
All other causes		30	15.4	

CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
25-34 YEARS				
Total, All Causes		127	100.0	
Motor vehicle accidents	810-823	45	35.4	1
Accidents, exclusive of motor vehicle	800-807,825-949	21	16.5	2
Malignant neoplasms	140-209	9	7.1	3
Suicides	950-959	9	7.1	3
Homicides	960-969	7	5.5	4
Injury undetermined whether accidents or purposely inflicted	980-989	7	5.5	4
All other causes		29	22.8	

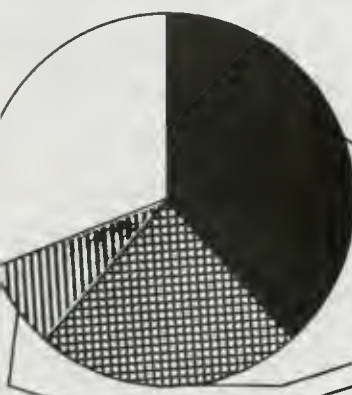
CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
35-44 YEARS				
Total, All Causes		254	100.0	
Heart diseases	390-398,410-429	43	16.9	1
Accidents, exclusive of motor vehicle	800-807,825-945	38	15.0	2
Malignant neoplasms	140-209	37	14.6	3
Motor vehicle accidents	810-823	35	13.8	4
Cirrhosis of liver	571	19	7.5	5
Suicides	950-959	14	5.5	6
All other causes		68	26.8	

Table 10, Continued

IMPORTANT CAUSES OF DEATH BY AGE GROUP
Montana, 1970
(By place of residence)



CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
45-54 YEARS				
Total, All Causes		514	100.0	
Heart diseases	390-398,402, 404	146	28.4	1
Malignant neoplasms	140-209	118	23.0	2
Motor vehicle accidents	810-823	42	8.2	3
Cirrhosis of liver	571	24	4.7	4
Cerebrovascular disease	430-438	23	4.5	5
Accidents, exclusive of motor vehicle	800-807,825-949	21	4.1	6
Suicides	950-959	16	3.1	7
Pneumonia, all forms	480-486	15	2.9	8
All other causes		109	21.2	



CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
55-64 YEARS				
Total, All Causes		1,000	100.0	
Heart diseases	390-398,402,404,			
	410-429	382	38.2	1
Malignant neoplasms	140-209	233	23.3	2
Cerebrovascular disease	430-438	74	7.4	3
Bronchitis, emphysema, & asthma . .	490-493	33	3.3	4
Accidents, exclusive of motor vehicle	800-807,825-949	27	2.7	5
Cirrhosis of liver	571	25	2.5	6
Pneumonia, all forms & influenza . .	470-486	23	2.3	7
Motor vehicle accidents	810-823	19	1.9	8
Suicides	950-959	18	1.8	9
All other causes		166	16.6	



CAUSE OF DEATH	EIGHTH REVISION International List Number	Number	Percent	Rank Order
65 AND OVER				
Total, All Causes		4,115	100.0	
Heart diseases	390-398,402,404			
	410-429	1,649	40.1	1
Malignant neoplasms	140-209	632	15.4	2
Cerebrovascular disease	430-438	595	14.5	3
Pneumonia, all forms & influenza . .	470-486	157	3.8	4
Anteriosclerosis	440	154	3.7	5
Bronchitis, emphysema & asthma . .	490-493	125	3.0	6
Accidents, exclusive of motor vehicle	800-807,825-949	87	2.1	7
Diabetes mellitus	250	80	1.9	8
All other causes		636	15.5	

TABLE 11

DEATHS FROM SELECTED ACCIDENTS BY AGE
MONTANA, 1970

BY PLACE OF OCCURRENCE. EACH PERCENT HAS BEEN INDEPENDENTLY ROUNDED TO THE NEAREST ONE-TENTH OF ONE PERCENT. HENCE, THE SUMS OF PARTS MAY DIFFER SLIGHTLY FROM THE TOTALS SHOWN.

EIGHTH REVISION INTERNATIONAL LIST NUMBER	ACCIDENTAL CAUSE OF DEATH	TOTAL ALL AGES	UNDER 1 YEAR	N U M B E R										45-54	55-64	65 AND OVER	AGE AND NOT STATED
				1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65 AND OVER				
	TOTAL DEATHS, ALL CAUSES	6,518	263	47	35	36	104	111	131	246	505	1,002	4,035				3
	ACCIDENTAL DEATHS, TOTAL	624	9	23	20	18	81	76	73	72	70	57	125				-
810-823	MOTOR VEHICLE, TOTAL	336	2	11	8	5	51	56	50	35	47	30	41				-
800-807.825-949	OTHER ACCIDENTS, TOTAL	288	7	12	12	13	30	20	23	37	23	27	84				-
800-807.825-845	OTHER TRANSPORTATION, TOTAL	44	-	1	-	3	8	4	2	14	4	4	4				-
840-845	AIRCRAFT, ...	18	-	-	-	-	2	1	1	10	1	3	-				-
800-807.825-838	OTHER	26	-	1	-	3	6	3	1	4	3	1	4				-
850-869	POISONING BY SOLIDS AND LIQUIDS, TOTAL	4	-	1	-	-	-	-	-	1	1	-	1				-
850-859	DRUGS AND MEDICATIONS, ...	1	-	1	-	-	-	-	-	-	-	-	-				-
860-869	OTHER	3	-	-	-	-	-	-	-	1	1	-	1				-
870-877	POISONING BY GASES, TOTAL	9	-	-	-	-	-	1	2	2	-	4	-				-
870-872	UTILITY GAS, ...	2	-	-	-	-	-	-	-	-	-	2	-				-
873-877	OTHER	7	-	-	-	-	-	1	2	2	-	2	-				-
880-887	FALLS, TOTAL	81	1	1	1	-	-	2	2	3	4	7	60				-
880	ON OR FROM STAIRS	5	-	-	-	-	-	-	-	1	-	1	3				-
881	ON OR FROM LADDER	2	-	-	-	-	-	-	-	-	-	1	-				-
882	FROM OR OUT OF BUILDING	2	-	-	-	-	-	1	-	1	-	-	-				-
883	INTO OPENING IN SURFACE	-	-	-	-	-	-	-	-	-	-	-	-				-
884	ONE LEVEL TO ANOTHER, ...	11	1	1	1	-	-	1	1	1	1	1	3				-
885-886	SAME LEVEL, ...	9	-	-	-	-	-	-	-	-	-	1	8				-
887	UNSPECIFIED	52	-	-	-	-	-	-	1	-	2	3	46				-
890-899	FIRE AND FLAMES, TOTAL	14	-	-	1	-	-	2	-	2	2	1	6				-
923	EXPLOSIONS, TOTAL	3	-	-	-	-	1	1	1	-	-	-	-				-
922	INJURY BY FIREARMS, TOTAL	16	-	-	2	5	2	1	3	2	1	-	-				-
910	DROWNING, TOTAL	32	-	6	4	1	9	4	5	1	-	2	-				-
916	STRUCK BY FALLING OBJECT, TOTAL	15	-	-	-	1	-	2	2	4	4	-	2				-
900-909.911-915	OTHER ACCIDENTS, TOTAL	70	6	3	4	3	10	3	6	8	7	9	11				-
917-921.924-949																	
P E R C E N T O F D E A T H S F R O M C A U S E S																	
	ACCIDENTAL DEATHS, TOTAL	9.6	3.4	48.9	57.1	50.0	77.9	68.5	55.7	29.3	13.9	5.7	3.1				0.0
810-823	MOTOR VEHICLE, TOTAL	5.2	0.3	23.4	22.9	13.9	49.0	50.4	38.2	14.2	9.3	3.0	1.0				0.0
800-807.825-949	OTHER ACCIDENTS, TOTAL	4.4	2.7	25.5	34.3	36.1	28.8	18.0	17.6	15.0	4.6	2.7	2.1				0.0

TABLE 12

LIST OF MATERNAL DEATHS BY COUNTY OF OCCURRENCE, COUNTY OF RESIDENCE, RACE, AGE, AND CAUSE OF DEATH

MONTANA, 1963-1970

PLACE OF OCCURRENCE	YEAR OF OCC.	PLACE OF RESIDENCE	RACE	AGE	SEVENTH REVISION INTERNATIONAL LIST NUMBER	CAUSE OF DEATH
BIG HORN	1968	BIG HORN	INDIAN	29	634.9*	SPONTANEOUS UTERINE RUPTURE
CASCADE	1970	CASCADE	WHITE	29	677.9*	OTHER AND UNSPECIFIED COMPLICATIONS OF THE PUERPERIUM
CASCADE	1967	CASCADE	WHITE	30	648.3	RUPTURED UTERUS
CASCADE	1964	CASCADE	WHITE	41	670.6	PLACENTA ABRUPTIO
CASCADE	1964	PONDERA	WHITE	38	642.5	TOXEMIA OF PREGNANCY
DAWSON	1970	DAWSON	WHITE	20	661.8*	DELIVERY COMPLICATED BY OBSTETRIC SHOCK
HILL	1963	BLAINE	INDIAN	31	672.6	SHOCK WITH PERIPHERAL VASCULAR COLLAPSE SECONDARY UTERINE HEMORRHAGE
JEFFERSON	1966	JEFFERSON	WHITE	22	650.2	SELF-INDUCED ABORTION
L INCDLN	1963	LINCOLN	WHITE	36	681	PUERPERAL SEPSIS PROLONGED LABOR
MADISDN	1965	MADISON	WHITE	25	645.0	RUPTURED ECTOPIC PREGNANCY
MISSOULA	1967	LAKE	INDIAN	19	670.5	DELIVERY COMPLICATED BY PLACENTA PREVIA
POWELL	1964	PDWELL	WHITE	39	648.3	RUPTURED UTERUS
RICHLAND	1964	RICHLAND	WHITE	20	675.5	CESAREAN SECTION-DYSTOCIA
RICHLAND	1964	RICHLAND	WHITE	32	670.6	PLACENTA PREVIA
ROOSEVELT	1965	RICHLAND	WHITE	24	681	PUERPERAL SEPSIS OPERATION REMOVAL OF INFARCTED UTERUS
SHERIDAN	1969	SHERIDAN	WHITE	35	631.0*	ABDOMINAL PREGNANCY WITH SEPSIS
SILVER BOW	1970	SILVER BOW	WHITE	30	673.1*	AMNIOTIC FLUID EMBOLISM
SILVER BOW	1967	DEER LODGE	OTHER	23	648.1	ABORTION OF HYDATIDIFORM MOLE
SILVER BOW	1966	SILVER BOW	WHITE	23	681	PUERPERAL SEPSIS
SILVER BOW	1966	SILVER BOW	WHITE	40	648.3	RUPTURED UTERUS
VALLEY	1964	VALLEY	WHITE	38	672.6	AFIBRINDGENEMIA
YELLOWSTONE	1964	YELLOWSTONE	WHITE	24	678.6	EMBOLISM LEFT INTERNAL CAROTID ARTERY

* EIGHTH REVISION INTERNATIONAL CLASSIFICATION OF DISEASES. ADAPTED

TABLE 13
DEATHS FROM SELECTED CAUSES BY COUNTY
MONTANA, 1970
BY PLACE OF RESIDENCE

COUNTY	EIGHTH REVISION, INTERNATIONAL LIST NUMBER														All Other Causes
	Total, All Causes	800-949 Accidents	540-543 Appendicitis	430-438 Cerebrovascular Disease	140-209 Cancer	250 Diabetes	390-398 402,404 410-429 Heart Disease	470-474 Influenza	320 Meningitis	580-584 Nephritis	480-486 Pneumonia	040-044 Pollomyelitis	090-097 Syphilis	010-019 Tuberculosis	
MONTANA, TOTAL	6,597	571	6	703	1,059	111	2,229	8	6	26	213	-	3	12	1,650
BEAVERHEAD	98	6	-	8	11	-	29	1	-	1	6	-	-	-	36
BIG HORN	97	19	-	14	8	-	26	-	-	-	4	-	-	-	26
BLAINE	79	13	1	7	14	-	29	1	-	-	1	-	-	1	12
BROADWATER	24	2	-	1	1	1	12	-	-	-	-	-	-	-	7
CARBON	112	6	1	12	24	-	33	-	-	-	5	-	-	-	31
CARTER	19	1	-	1	3	1	7	-	-	-	-	-	-	-	6
CASCADE	670	47	1	64	130	9	217	-	-	1	16	-	-	-	185
CHOUTEAU	55	4	-	6	7	2	14	-	-	1	2	-	-	-	19
CUSTER	121	7	-	9	22	1	62	-	-	-	2	-	-	1	17
DANIELS	49	3	-	5	7	4	23	1	-	1	-	-	-	-	5
DAWSON	80	5	-	10	13	1	33	-	-	-	1	-	-	-	17
DEER LODGE	166	9	-	20	31	2	61	-	-	-	8	-	-	1	34
FALLON	39	1	-	7	6	2	14	-	-	-	-	-	-	-	9
FERGUS	145	7	-	8	22	7	56	-	-	1	5	-	-	-	39
FLATHEAD	365	38	1	45	57	5	127	-	-	5	7	-	-	-	80
GALLATIN	240	17	-	18	46	7	84	1	-	-	6	-	-	-	61
GARFIELD	12	3	-	-	5	-	2	-	-	-	-	-	-	-	2
GLACIER	96	12	-	7	11	3	29	-	-	-	2	-	1	-	31
GOLDEN VALLEY	12	1	-	-	1	1	3	-	-	-	-	-	-	-	6
GRANITE	28	4	-	1	4	-	9	-	-	-	1	-	-	-	9
HILL	143	8	-	10	16	4	53	1	1	-	6	-	-	-	44
JEFFERSON	50	6	-	3	4	1	17	-	-	-	4	-	-	-	15
JUDITH BASIN	25	1	-	3	6	-	13	-	-	-	-	-	-	-	2
LAKE	166	16	-	18	19	1	55	-	-	1	7	-	-	4	45
LEWIS & CLARK	347	39	1	42	55	1	89	-	1	4	10	-	-	-	105
LIBERTY	23	2	-	1	6	-	8	-	-	-	-	-	-	-	6
LINCOLN	119	18	-	8	19	4	44	-	-	-	5	-	-	-	21
MCCONE	29	3	-	3	6	-	13	-	-	-	1	-	-	-	3
MADISON	61	8	-	6	10	1	16	-	-	-	3	-	-	-	17
MEAGHER	31	-	-	1	5	2	13	-	-	-	1	-	-	-	9
MINERAL	23	5	-	2	4	-	5	-	-	-	1	-	-	-	6
MISSOULA	443	37	-	59	73	7	152	-	-	2	13	-	-	2	98
MUSSEL SHELL	44	2	-	2	9	1	23	-	-	-	2	-	-	-	5
PARK	179	9	-	25	32	5	73	-	-	-	5	-	-	-	30
PETROLEUM	8	-	-	1	2	-	5	-	-	-	-	-	-	-	-

TABLE 13. CONTINUED
DEATHS FROM SELECTED CAUSES BY COUNTY
MONTANA, 1970
BY PLACE OF RESIDENCE

COUNTY	EIGHTH REVISION, INTERNATIONAL LIST NUMBER														All Other Causes
	Total, All Causes	Accidents 800-949	Appendicitis 540-543	Cerebrovascular Disease 430-438	Cancer 140-209	Diabetes 250	Heart Disease 390-398 402,404 410-429	Influenza 470-474	Meningitis 320	Nephritis 580-584	Pneumonia 480-486	Polomyelitis 040-044	Syphilis 090-097	Tuberculosis 010-019	
PHILLIPS	62	5	-	6	15	2	22	1	-	-	2	-	-	-	
PONDERA	61	7	-	4	10	2	20	-	-	-	1	-	-	-	
POWDER RIVER	24	4	-	3	3	-	9	-	-	-	1	-	-	-	
POWELL	59	2	-	7	7	-	30	-	-	-	1	-	-	-	
PRAIRIE	17	1	-	4	2	-	4	-	-	-	1	-	-	-	
RAVALLI	157	13	-	12	23	2	65	-	-	1	6	-	-	1	
RICHLAND	81	5	-	14	11	4	29	-	-	1	1	-	-	-	
ROOSEVELT	124	11	-	8	13	4	44	-	1	2	6	-	-	-	
ROSEBUD	81	16	-	9	11	1	18	-	-	-	9	-	-	-	
SANDERS	89	15	-	7	17	2	14	2	-	-	6	-	-	-	
SHERIDAN	62	7	-	3	13	1	26	-	-	-	1	-	-	-	
SILVER BOW	554	39	-	59	86	10	167	-	1	2	21	-	1	2	
STILLWATER	39	1	-	10	9	-	11	-	-	-	-	-	-	-	
SWEET GRASS	51	5	-	10	9	1	9	-	-	2	2	-	-	-	
TETON	50	4	-	13	8	1	13	-	1	-	-	-	-	-	
TOOLE	57	7	-	8	11	-	23	-	-	-	1	-	-	-	
TREASURE	16	4	-	1	2	-	4	-	-	-	1	-	-	-	
VALLEY	116	7	1	9	13	4	51	-	-	1	5	-	-	-	
WHEATLAND	22	2	-	3	-	-	8	-	-	-	-	-	-	-	
WIBAUX	24	-	-	1	4	-	14	-	-	-	1	-	-	-	
YELLOWSTONE	653	57	-	82	103	6	199	-	1	-	21	-	-	-	
														184	

TABLE 14

INFANT MORTALITY BY RACE AND AGE GROUP AND FIVE-YEAR INFANT MORTALITY RATES

MONTANA COUNTIES, 1970
BY PLACE OF RESIDENCE

COUNTY	TOTAL UNDER 1 YEAR			UNDER 28 DAYS			1-11 MONTHS			FIVE-YEAR INFANT MORTALITY RATE*
	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	
MONTANA, TOTAL	272	244	28	202	184	18	70	60	10	21.7
BEAVERHEAD	4	4	-	4	4	-	-	-	-	22.9
BIG HORN	4	3	1	3	3	-	1	-	1	30.5
BLAINE	2	-	2	1	-	1	1	-	1	16.4
BROADWATER	-	-	-	-	-	-	-	-	-	15.4
CARBON	4	4	-	3	3	-	1	1	-	29.3
CARTER	-	-	-	-	-	-	-	-	-	18.6
CASCADE	34	32	2	27	25	2	7	7	-	16.8
CHouteau	3	3	-	3	3	-	-	-	-	25.3
CUSTER	4	4	-	1	1	-	3	3	-	16.0
DANIELS	-	-	-	-	-	-	-	-	-	26.9
DAWSON	6	6	-	6	6	-	-	-	-	13.2
DEER LODGE	5	5	-	3	3	-	2	2	-	30.6
FALLON	1	1	-	1	1	-	-	-	-	24.1
FERGUS	3	3	-	1	1	-	2	2	-	27.2
FLATHEAD	17	17	-	8	8	-	9	9	-	26.3
GALLATIN	16	16	-	14	14	-	2	2	-	22.3
GARFIELD	-	-	-	-	-	-	-	-	-	6.8
GLACIER	5	2	3	5	2	3	-	-	-	29.1
GOLDEN VALLEY	-	-	-	-	-	-	-	-	-	14.7
GRANITE	1	1	-	1	1	-	-	-	-	31.0
HILL	5	5	-	4	4	-	1	1	-	14.2
JEFFERSON	4	4	-	3	3	-	1	1	-	33.5
JUDITH BASIN	-	-	-	-	-	-	-	-	-	28.2
LAKE	4	-	4	4	-	4	-	-	-	24.5
LEWIS & CLARK	20	19	1	10	10	-	10	9	1	22.6
LIBERTY	1	1	-	-	-	-	1	1	-	23.8
LINCOLN	7	7	-	6	6	-	1	1	-	27.3
MCCONE	-	-	-	-	-	-	-	-	-	27.8
MADISON	1	1	-	-	-	-	1	1	-	15.7
MEAGHER	2	2	-	2	2	-	-	-	-	20.9
MINERAL	3	3	-	2	2	-	1	1	-	44.1
MISSOULA	22	22	-	16	16	-	6	6	-	20.3
MUSSELSHELL	1	1	-	-	-	-	1	1	-	20.9
PARK	4	4	-	3	3	-	1	1	-	17.4
PETROLEUM	-	-	-	-	-	-	-	-	-	0.0
PHILLIPS	2	2	-	2	2	-	-	-	-	21.1
PONDERA	2	2	-	2	2	-	-	-	-	29.4
POWDER RIVER	-	-	-	-	-	-	-	-	-	24.4
POWELL	2	2	-	1	1	-	1	1	-	21.3
PRAIRIE	1	1	-	-	-	-	1	1	-	16.1
RAVALLI	5	5	-	3	3	-	2	2	-	19.7
RICHLAND	2	2	-	2	2	-	-	-	-	18.1
ROOSEVELT	14	2	12	9	2	7	5	-	5	43.0
ROSEBUD	3	2	1	2	2	-	1	-	1	24.9
SANDERS	1	1	-	1	1	-	-	-	-	11.3
SHERIDAN	1	1	-	1	1	-	-	-	-	24.3
SILVER BOW	19	19	-	16	16	-	3	3	-	24.5
STILLWATER	1	1	-	1	1	-	-	-	-	7.0
SWEET GRASS	2	2	-	1	1	-	1	1	-	14.6
TETON	1	1	-	-	-	-	1	1	-	15.6
TOOLE	1	1	-	1	1	-	-	-	-	27.4
TREASURE	-	-	-	-	-	-	-	-	-	24.4
VALLEY	9	7	2	8	7	1	1	-	1	28.4
WHEATLAND	1	1	-	1	1	-	-	-	-	9.6
WIBAUX	-	-	-	-	-	-	-	-	-	7.8
YELLOWSTONE	22	22	-	20	20	-	2	2	-	16.8

* NUMBER OF DEATHS UNDER ONE YEAR OF AGE PER 1,000 LIVE BIRTHS.

TABLE 15

INFANT MORTALITY FROM SELECTED CAUSES BY AGE GROUP

MONTANA, 1970

EXCLUSIVE OF FETAL DEATHS, BY PLACE OF RESIDENCE

EIGHTH REVISION INTERNATIONAL LIST NUMBER	CAUSE OF DEATH	TOTAL UNDER 1 YEAR			UNDER 28 DAYS			1-11 MONTHS		
		TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER	TOTAL	WHITE	OTHER
	TOTAL, ALL CAUSES.	272	244	28	202	184	18	70	60	10
	PRENATAL AND NATAL CAUSES, TOTAL	207	189	18	195	178	17	12	11	1
740-759 762	CONGENITAL MALFORMATIONS	41	38	3	30	28	2	11	10	1
764-768, 772, 776	TOXEMIA OF PREGNANCY	2	2	-	2	2	-	-	-	-
	BIRTH INJURY, DIFFICULT LABOR AND OTHER HYPOXIC AND ANOXIC CONDITIONS	83	74	9	83	74	9	-	-	-
774-775 777	HEMOLYTIC DISEASES OF NEWBORN	5	5	-	5	5	-	-	-	-
760-778	IMMATURE, UNQUALIFIED	45	41	4	45	41	4	-	-	-
EXCL. OF ABOVE	OTHER DISEASES OF EARLY INFANCY	31	29	2	30	28	2	1	1	-
	INFECTIONS, TOTAL	22	17	5	3	2	1	19	15	4
470-474, 480-486 009	PNEUMONIA AND INFLUENZA	12	8	4	-	-	-	12	8	4
000-136	DIARRHEAL DISEASE	1	1	-	-	-	-	1	1	-
EXCL. OF ABOVE	OTHER INFECTIVE AND PARASITIC DISEASES NOT ELSEWHERE CLASSIFIED	9	8	1	3	2	1	6	6	-
	VIOLENT AND ACCIDENTAL DEATHS, TOTAL	9	8	1	-	-	-	9	8	1
810-823 911-913	MOTOR VEHICAL ACCIDENTS	1	1	-	-	-	-	1	1	-
800-807, 825-910 914-949, 960-969	SUFFOCATION	6	5	1	-	-	-	6	5	1
980-985	OTHER VIOLENT AND ACCIDENTAL DEATHS	2	2	-	-	-	-	2	2	-
	ALL OTHER CAUSES	34	30	4	4	4	-	30	26	4

TABLE 16
COMMUNICABLE DISEASE HISTORICAL MORTALITY STATISTICS

MONTANA, 1910-1970

YEAR	DIPHTHERIA		INFLUENZA		MEASLES		MENINGOCOCCAL INFECTION		POLIOMYELITIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	61	16.2	24	6.4	16	4.3	1	0.3	17	4.5
1915	21	4.5	41	8.8	7	1.5	7	1.5	1	0.2
1916	38	7.8	58	11.9	36	7.4	20	4.1	24	4.9
1917	40	7.9	43	8.5	46	9.1	6	1.2	8	1.6
1918	45	8.6	2,654	508.5	18	3.4	16	3.1	7	1.3
1919	41	7.6	687	127.2	16	3.0	15	2.8	3	0.6
1920	32	5.8	304	55.4	27	4.9	15	2.7	5	0.9
1921	47	8.6	49	9.0	35	6.4	7	1.3	2	0.4
1922	61	11.2	239	43.8	-	0.0	8	1.5	7	1.3
1923	51	9.4	158	29.0	19	3.5	7	1.3	6	1.1
1924	56	10.3	64	11.8	73	13.4	5	0.9	23	4.2
1925	34	6.3	109	20.1	5	0.9	5	0.9	6	1.1
1926	18	3.3	241	44.5	21	3.9	20	3.7	5	0.9
1927	20	3.7	147	27.2	30	5.5	66	12.2	4	0.7
1928	20	3.7	366	67.8	8	1.5	65	12.0	10	1.9
1929	12	2.2	212	39.4	46	8.5	60	11.1	-	0.0
1930	4	0.7	102	19.0	12	2.2	22	4.1	6	1.1
1931	7	1.3	152	28.1	3	0.6	13	2.4	15	2.8
1932	2	0.4	190	35.0	12	2.2	5	0.9	4	0.7
1933	17	3.1	173	31.8	15	2.8	3	0.6	2	0.4
1934	10	1.8	122	22.3	30	5.5	7	1.3	14	2.6
1935	14	2.5	173	31.5	49	8.9	15	2.7	1	0.2
1936	10	1.8	101	18.3	3	0.5	23	4.2	5	0.9
1937	10	1.8	244	44.1	2	0.4	7	1.3	6	1.1
1938	9	1.6	81	14.6	12	2.2	9	1.6	3	0.5
1939	3	0.5	99	17.7	16	2.9	4	0.7	1	0.2
1940	6	1.1	77	13.8	5	0.9	6	1.1	7	1.3
1941	13	2.5	90	17.0	1	0.2	5	0.9	9	1.7
1942	5	1.0	26	5.2	-	0.0	7	1.4	-	0.0
1943	5	1.1	58	12.3	6	1.3	5	1.1	10	2.1
1944	6	1.2	50	10.3	13	2.7	3	0.6	6	1.2
1945	4	0.8	47	9.3	1	0.2	3	0.6	10	2.0
1946	5	1.0	25	4.8	3	0.6	3	0.6	5	1.0
1947	2	0.4	33	6.1	13	2.4	3	0.6	4	0.7
1948	3	0.5	13	2.3	12	2.2	1	0.2	6	1.1
1949	3	0.5	13	2.3	3	0.5	3	0.5	13	2.3
1950	2	0.3	23	3.9	-	0.0	1	0.2	3	0.5
1951	-	0.0	30	5.0	9	1.5	5	0.8	6	1.0
1952	1	0.2	22	3.7	4	0.7	4	0.7	8	1.3
1953	3	0.5	59	9.6	4	0.6	2	0.3	14	2.3
1954	3	0.5	6	1.0	5	0.8	6	1.0	9	1.4
1955	1	0.2	12	1.9	4	0.6	5	0.8	8	1.3
1956	1	0.2	4	0.6	1	0.2	7	1.1	-	0.0
1957	1	0.1	25	3.7	3	0.4	3	0.4	2	0.3
1958	-	0.0	14	2.1	2	0.3	4	0.6	5	0.8
1959	-	0.0	15	2.2	5	0.7	3	0.4	2	0.3
1960	-	0.0	37	5.5	1	0.1	3	0.4	7	1.0
1961	-	0.0	8	1.2	1	0.1	1	0.1	1	0.1
1962	-	0.0	12	1.7	-	0.0	4	0.6	-	0.0
1963	-	0.0	31	4.4	-	0.0	3	0.4	-	0.0
1964	-	0.0	29	4.1	2	0.3	2	0.3	-	0.0
1965	-	0.0	5	0.7	-	0.0	3	0.4	-	0.0
1966	-	0.0	49	7.0	-	0.0	2	0.3	-	0.0
1967	-	0.0	3	0.4	-	0.0	2	0.3	-	0.0
1968	-	0.0	30	4.3	-	0.0	2	0.3	1	0.1
1969	-	0.0	38	5.5	2	0.3	2	0.3	-	0.0
1970	2	0.3	8	1.2	-	0.0	1	0.1	-	0.0

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-70 ARE BY PLACE OF RESIDENCE.

TABLE 16. CONTINUED
COMMUNICABLE DISEASE HISTORICAL MORTALITY STATISTICS

MONTANA, 1910-1970. CONTINUED

YEAR	SCARLET FEVER		SMALLPOX		TUBERCULOSIS		TYPHOID FEVER		WHOPPING COUGH	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	61	16.2	2	0.5	340	90.4	151	40.2	41	10.9
1915	16	3.4	1	0.2	530	113.2	57	12.2	36	7.7
1916	19	3.9	2	0.4	521	107.2	53	10.9	79	16.3
1917	85	16.9	6	1.2	549	108.9	79	15.7	43	8.5
1918	71	13.6	6	1.1	504	96.6	53	10.2	64	12.3
1919	57	10.6	9	1.7	480	88.9	39	7.2	13	2.4
1920	22	4.0	2	0.4	419	76.4	27	4.9	51	9.3
1921	10	1.8	3	0.5	356	65.1	20	3.7	69	12.6
1922	19	3.5	2	0.4	383	70.1	21	3.8	8	1.5
1923	17	3.1	3	0.6	395	72.5	16	2.9	23	4.2
1924	32	5.9	3	0.6	434	79.8	16	2.9	26	4.8
1925	21	3.9	-	0.0	396	73.0	24	4.4	63	11.6
1926	25	4.6	1	0.2	377	69.6	14	2.6	45	8.3
1927	32	5.9	1	0.2	373	69.0	15	2.8	15	2.8
1928	10	1.9	4	0.7	357	66.2	16	3.0	49	9.1
1929	16	3.0	1	0.2	357	66.3	32	5.9	21	3.9
1930	15	2.8	1	0.2	337	62.7	16	3.0	16	3.0
1931	11	2.0	-	0.0	329	60.9	12	2.2	46	8.5
1932	7	1.3	-	0.0	307	56.6	13	2.4	22	4.1
1933	12	2.2	-	0.0	282	51.8	14	2.6	15	2.8
1934	11	2.0	-	0.0	265	48.5	17	3.1	24	4.4
1935	22	4.0	1	0.2	257	46.8	12	2.2	22	4.0
1936	44	8.0	3	0.5	221	40.1	8	1.5	16	2.9
1937	12	2.2	2	0.4	241	43.5	11	2.0	14	2.5
1938	9	1.6	1	0.2	241	43.4	5	0.9	47	8.5
1939	8	1.4	-	0.0	248	44.5	1	0.2	16	2.9
1940	7	1.3	-	0.0	231	41.3	3	0.5	5	0.9
1941	9	1.7	-	0.0	214	40.4	2	0.4	6	1.1
1942	3	0.6	-	0.0	201	40.2	1	0.2	12	2.4
1943	3	0.6	-	0.0	206	43.8	4	0.9	18	3.8
1944	2	0.4	-	0.0	175	35.9	1	0.2	10	2.1
1945	1	0.2	-	0.0	171	33.9	2	0.4	2	0.4
1946	-	0.0	-	0.0	164	31.4	2	0.4	2	0.4
1947	-	0.0	-	0.0	152	28.2	1	0.2	6	1.1
1948	-	0.0	-	0.0	146	26.2	-	0.0	6	1.1
1949	4	0.7	-	0.0	109	19.0	1	0.2	2	0.3
1950	-	0.0	-	0.0	114	19.3	-	0.0	10	1.7
1951	-	0.0	-	0.0	85	14.3	1	0.2	1	0.2
1952	-	0.0	-	0.0	79	13.1	1	0.2	1	0.2
1953	1	0.2	-	0.0	77	12.5	-	0.0	4	0.6
1954	-	0.0	-	0.0	62	9.9	-	0.0	1	0.2
1955	-	0.0	-	0.0	50	7.9	-	0.0	1	0.2
1956	-	0.0	-	0.0	48	7.3	-	0.0	1	0.2
1957	-	0.0	-	0.0	68	10.2	-	0.0	2	0.3
1958	-	0.0	-	0.0	45	6.8	-	0.0	-	0.0
1959	-	0.0	-	0.0	37	5.5	-	0.0	-	0.0
1960	-	0.0	-	0.0	31	4.6	-	0.0	1	0.1
1961	-	0.0	-	0.0	24	3.5	1	0.1	-	0.0
1962	-	0.0	-	0.0	32	4.5	-	0.0	-	0.0
1963	-	0.0	-	0.0	27	3.8	-	0.0	-	0.0
1964	-	0.0	-	0.0	28	4.0	1	0.1	-	0.0
1965	-	0.0	-	0.0	22	3.1	-	0.0	-	0.0
1966	-	0.0	-	0.0	21	3.0	-	0.0	-	0.0
1967	-	0.0	-	0.0	17	2.4	-	0.0	-	0.0
1968	-	0.0	-	0.0	15	2.2	-	0.0	-	0.0
1969	-	0.0	-	0.0	16	2.3	-	0.0	-	0.0
1970	-	0.0	-	0.0	12	1.7	-	0.0	-	0.0

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-70 ARE BY PLACE OF RESIDENCE.

TABLE 17
SELECTED CAUSE-SPECIFIC DEATH RATES
MONTANA, 1910-1970

YEAR	ACCIDENTS						ALCOHOLISM		CANCER	
	TOTAL		MOTOR VEHICLE		OTHER		NUMBER	RATE*	NUMBER	RATE*
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*				
1910	514	136.7	5	1.3	509	135.4	56	14.9	157	41.7
1915	556	118.8	31	6.6	525	112.2	66	14.1	223	47.6
1916	695	143.0	42	8.6	653	134.4	86	17.7	247	50.8
1917	870	172.6	59	11.7	811	160.9	124	24.6	278	55.2
1918	625	119.7	64	12.3	561	107.5	60	11.5	279	53.5
1919	509	94.3	44	8.1	465	86.1	10	1.9	302	55.9
1920	473	86.3	45	8.2	428	78.1	10	1.8	282	51.4
1921	388	70.9	48	8.8	340	62.1	19	3.5	315	57.6
1922	433	79.3	48	8.8	385	70.5	22	4.0	343	62.8
1923	470	86.2	49	9.0	421	77.2	25	4.6	333	61.1
1924	519	95.4	70	12.9	449	82.5	15	2.8	363	66.7
1925	505	93.0	98	18.1	407	75.0	41	7.6	379	69.8
1926	477	88.0	101	18.6	376	69.4	27	5.0	401	74.0
1927	506	93.6	77	14.2	429	79.4	58	10.7	414	76.6
1928	568	105.3	139	25.8	429	79.5	48	8.9	449	83.2
1929	526	97.7	126	23.4	400	74.3	60	11.1	467	86.7
1930	498	92.6	106	19.7	392	72.9	69	12.8	424	78.9
1931	510	94.4	127	23.5	383	70.9	33	6.1	420	77.7
1932	442	81.5	98	18.1	344	63.4	15	2.8	513	94.6
1933	508	93.3	119	21.8	389	71.4	24	4.4	508	93.3
1934	576	105.3	209	28.2	367	67.1	20	3.7	477	87.2
1935	552	100.5	161	29.3	391	71.2	14	2.5	528	96.2
1936	660	119.7	174	31.6	486	88.2	25	4.5	567	102.9
1937	599	108.2	177	32.0	422	76.2	32	5.8	566	102.3
1938	587	105.6	143	25.7	444	79.9	27	4.9	557	100.2
1939	531	95.2	149	26.7	382	68.5	23	4.1	643	115.3
1940	539	96.3	154	27.5	385	68.8	41	7.3	640	114.4
1941	548	103.4	182	34.3	366	69.1	19	3.6	644	121.5
1942	468	93.6	105	21.0	363	72.6	16	3.2	643	128.6
1943	580	123.4	87	18.5	493	104.9	12	2.6	613	130.4
1944	494	101.4	106	21.8	388	79.6	7	1.4	681	139.7
1945	498	98.7	118	23.4	380	75.3	13	2.6	658	130.4
1946	517	99.1	166	31.8	351	67.3	15	2.9	662	126.8
1947	537	99.6	157	29.1	380	70.5	19	3.5	712	132.0
1948	575	103.3	165	29.6	410	73.7	14	2.5	724	130.1
1949	552	96.2	152	26.5	400	69.7	17	3.0	729	127.0
1950	545	92.2	190	32.1	355	60.1	14	2.4	733	124.0
1951	525	88.1	187	31.4	338	56.7	17	2.9	726	121.8
1952	564	93.7	235	39.0	329	54.7	13	2.2	798	132.6
1953	534	86.7	228	37.0	306	49.7	17	2.8	809	131.3
1954	531	85.1	219	35.1	312	50.0	19	3.0	871	139.6
1955	549	86.3	239	37.6	310	48.7	28	4.4	829	130.3
1956	574	87.5	265	40.4	309	47.1	22	3.4	931	141.9
1957	541	81.1	219	32.8	322	48.3	20	3.0	873	130.9
1958	497	74.6	206	30.9	291	43.7	18	2.7	838	125.8
1959	565	84.4	258	38.6	307	45.9	15	2.2	920	137.5
1960	510	75.6	226	33.5	284	42.1	13	1.9	958	142.0
1961	518	76.0	270	39.6	248	36.4	18	2.6	965	141.5
1962	550	77.6	232	32.7	318	44.9	19	2.7	911	128.5
1963	517	73.1	218	30.8	299	42.3	12	1.7	896	126.7
1964	648	91.9	250	35.5	398	56.5	13	1.8	986	139.9
1965	591	83.7	268	38.0	323	45.8	14	2.0	933	132.2
1966	560	79.8	265	37.7	295	42.0	24	3.4	969	138.0
1967	607	86.6	318	45.4	289	41.2	12	1.7	1,004	143.2
1968	535	77.2	262	37.8	273	39.4	29	4.2	1,080	155.8
1969	635	91.5	329	47.4	306	44.1	10	1.4	1,041	150.0
1970	571	82.2	290	41.8	281	40.5	25	3.6	1,059	152.5

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION
DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-70 ARE BY PLACE OF RESIDENCE.

TABLE 17. CONTINUED
SELECTED CAUSE-SPECIFIC DEATH RATES

MONTANA, 1910-1970. CONTINUED

YEAR	DIABETES		HEART DISEASE		HOMICIDE		NEPHRITIS		PNEUMONIA		SUICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
1910	38	10.1	257	68.3	37	9.8	222	59.0	282	75.0	81	21.5
1915	65	13.9	407	87.0	53	11.3	339	72.4	511	109.2	103	22.0
1916	74	15.2	469	96.5	86	17.7	359	73.9	536	110.3	113	23.2
1917	65	12.9	477	94.6	92	18.3	358	71.0	690	136.9	113	22.4
1918	78	14.9	476	91.2	58	11.1	322	61.7	1,298	248.7	97	18.6
1919	54	10.0	448	83.0	43	8.0	265	49.1	530	98.2	86	15.9
1920	60	10.9	428	78.1	46	8.4	273	49.8	576	105.0	86	15.7
1921	57	10.4	523	95.6	41	7.5	279	51.0	412	75.3	94	17.2
1922	71	13.0	595	108.9	42	7.7	298	54.6	482	88.3	88	16.1
1923	58	10.6	575	105.5	26	4.8	267	49.0	399	73.2	77	14.1
1924	52	9.6	645	118.6	37	6.8	295	54.2	364	66.9	79	14.5
1925	64	11.8	672	123.8	51	9.4	301	55.4	437	80.5	102	18.8
1926	76	14.0	695	128.3	45	8.3	236	43.6	501	92.5	92	17.0
1927	71	13.1	815	150.7	37	6.8	325	60.1	372	68.8	113	20.9
1928	97	18.0	864	160.1	44	8.2	333	61.7	458	84.9	110	20.4
1929	82	15.2	809	150.3	54	10.0	395	73.4	439	81.5	116	21.5
1930	87	16.2	759	141.2	57	10.6	395	73.5	425	79.1	136	25.3
1931	83	15.4	915	169.3	39	7.2	336	62.2	384	71.1	126	23.3
1932	87	16.0	1,065	196.3	45	8.3	348	64.1	348	64.1	125	23.0
1933	91	16.7	1,087	199.6	30	5.5	315	57.8	321	58.9	114	20.9
1934	119	21.8	1,117	204.2	39	7.1	350	64.0	416	76.1	104	19.0
1935	112	20.4	1,299	236.6	34	6.2	355	64.7	674	122.8	96	17.5
1936	125	22.7	1,248	226.4	26	4.7	347	62.9	631	114.5	102	18.5
1937	118	21.3	1,395	252.1	27	4.9	305	55.1	528	95.4	101	18.2
1938	118	21.2	1,308	235.4	25	4.7	314	56.5	355	63.9	103	18.5
1939	112	20.1	1,486	266.4	27	4.8	327	58.6	310	55.6	106	19.0
1940	109	19.5	1,447	258.6	29	5.2	295	52.7	321	57.4	120	21.4
1941	110	20.8	1,485	280.2	18	3.4	272	51.3	262	49.4	93	17.5
1942	108	21.6	1,577	315.4	17	3.4	284	56.8	235	47.0	98	19.6
1943	116	24.7	1,564	332.7	15	3.2	271	57.7	248	52.8	68	14.5
1944	126	25.9	1,660	340.7	13	2.7	292	59.9	250	51.3	53	10.9
1945	129	25.6	1,603	317.7	19	3.8	279	55.3	196	38.8	79	15.7
1946	137	26.3	1,629	312.1	22	4.2	276	52.9	235	45.0	98	18.8
1947	130	24.1	1,690	313.4	14	2.6	266	49.3	223	41.4	96	17.8
1948	118	21.2	1,803	324.0	15	2.7	247	44.4	189	34.0	88	15.8
1949	102	17.8	2,002	348.9	21	3.7	129	22.5	144	25.1	89	15.5
1950	49	8.3	1,957	331.1	24	4.1	80	13.5	157	26.6	123	20.8
1951	58	9.7	2,159	362.2	15	2.5	85	14.3	121	20.3	85	14.3
1952	83	13.8	2,032	337.5	17	2.8	120	19.9	147	24.4	84	14.0
1953	73	11.9	2,164	351.3	23	3.7	77	12.5	180	29.2	106	17.2
1954	95	15.2	2,128	341.0	29	4.6	90	14.4	179	28.7	104	16.7
1955	108	17.0	2,116	332.7	21	3.3	94	14.8	155	24.4	79	12.4
1956	98	14.9	2,165	330.0	32	4.9	83	12.7	211	32.2	98	14.9
1957	118	17.7	2,290	343.3	23	3.4	71	10.6	249	37.3	105	15.7
1958	109	16.4	2,244	336.9	17	2.6	53	8.0	260	39.0	101	15.2
1959	123	18.4	2,382	356.0	29	4.3	58	8.7	231	34.5	97	14.5
1960	102	15.1	2,332	345.6	25	3.7	51	7.6	227	33.6	107	15.9
1961	117	17.2	2,269	332.7	21	3.1	41	6.0	219	32.1	96	14.1
1962	121	17.1	2,204	310.9	21	3.0	63	8.9	195	27.5	110	15.5
1963	125	17.7	2,340	331.0	22	3.1	42	5.9	218	30.8	115	16.3
1964	139	19.7	2,368	335.9	30	4.3	45	6.4	226	32.1	80	11.3
1965	114	16.1	2,297	325.4	20	2.8	35	5.0	198	28.0	94	13.3
1966	106	15.1	2,415	344.0	23	3.3	42	6.0	230	32.8	96	13.7
1967	143	20.4	2,297	327.7	31	4.4	38	5.4	196	28.0	100	14.3
1968	119	17.2	2,223	320.8	25	3.6	20	2.9	213	30.7	97	14.0
1969	117	16.9	2,297	331.0	31	4.5	21	3.0	201	29.0	91	13.1
1970	111	16.0	2,229	321.0	30	4.3	26	3.7	213	30.7	79	11.4

*DEATHS PER 100,000 ESTIMATED MIDYEAR POPULATION

DATA FOR 1910-45 ARE BY PLACE OF OCCURRENCE. DATA FOR 1946-70 ARE BY PLACE OF RESIDENCE.

MARRIAGE AND DIVORCE

AGE

PREVIOUS MARITAL STATUS

RACE

MONTH OF OCCURRENCE

LEGAL GROUNDS

NUMBER OF CHILDREN

CHART 12
Marriage Rates: Montana & U.S.
1944-1970

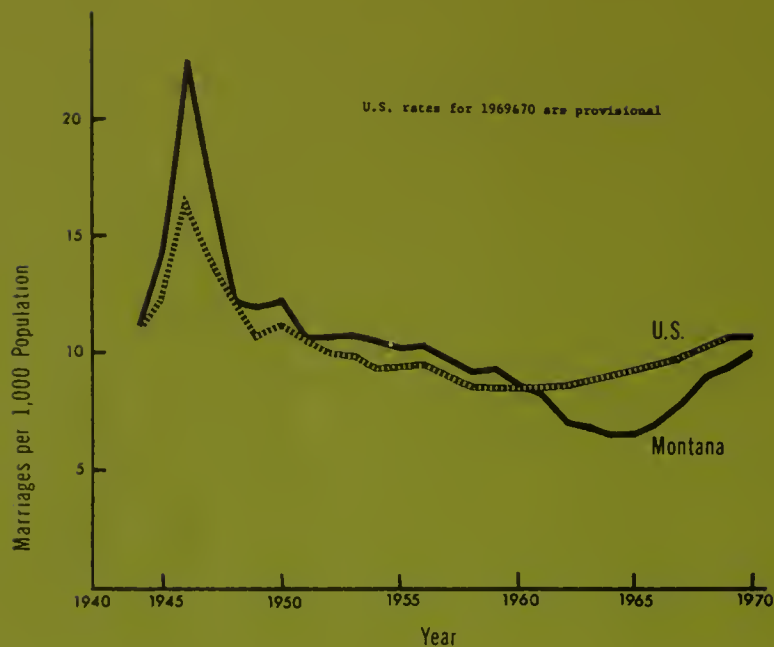
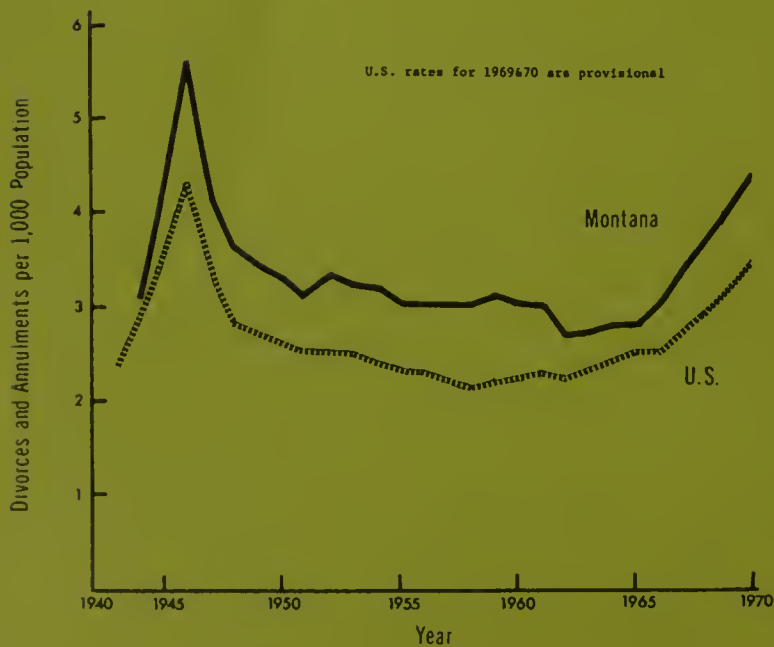


CHART 13
Divorce Rates: Montana & U.S.
1944-1970



Marriage and Divorce

The registration systems for marriages and divorces in the United States lag behind those for births, deaths, and fetal deaths. There are still states in the United States that do not have central files of marriage and divorce records. For this reason, it is not possible to exchange certificates of marriage or divorce for Montana residents that occur in another state. The tabulations in this report include only events that occurred in Montana.

The reporting of marriages and divorces also differs from that for births, deaths, and fetal deaths in another way. In the case of the latter records, the original record is filed with the Bureau of Records and Statistics. For marriages and divorces, the original record is on file with the Clerk of District Court in the county in which the event occurred. A statistical transcript is prepared by the Clerk of District Court and forwarded to this office for statistical tabulations and for the compilation of a central state index for both kinds of events.

Marriage

The Montana marriage rate declined from the post World War II high until the middle of the 1960 decade. It climbed during the latter part of the decade reflecting in part the increased number of persons of marriageable age who were born after World War II. Prior to 1960, the Montana rate was generally higher than that for the United States. Since 1960, it has been lower.

June is traditionally the most popular month for marriage. In recent years, about 15% of the marriages occurred during that month. If marriages were distributed evenly throughout the year, one would expect about 8% to occur each month.

Racial intermarriage has received increasing attention in recent years. In Montana, racial intermarriage is small, comprising 2% or less of all marriages in recent years. The proportion has varied from 1.4% in 1964 to 2.0% in 1968 and 1969. The 1970 figure is 1.9%.

Divorces

The divorce rate for both Montana and the United States increased rapidly during the last half of the 60's decade. The divorce rate for Montana has exceeded that of the United States since 1943, the year that central state reporting of divorces was inaugurated in this state.

The legal grounds for marital dissolutions are just that. They have little, if any, bearing on the actual reason(s) for the termination of the marriage. In 95% of the divorces, the cause is given as "extreme cruelty". "Fraud" was given as the cause of 93% of the annulments.

At least 3,917 children were affected by marital dissolutions which occurred in Montana in 1970. This is approximately 1.3 children per marital dissolution.

TABLE 18
MARRIAGES, DIVORCES, AND ANNULMENTS

MONTANA COUNTIES, 1970

COUNTY	MARRIAGES		MARRIAGE DISSOLUTIONS	
	LICENSE ISSUED	SOLENNIZED	DIVORCES	ANNULMENTS
MONTANA, TOTAL	6,919	6,919	2,742	309
BEAVERHEAD	75	69	36	2
BIG HORN	70	66	52	3
BLAINE	57	65	13	1
BROADWATER	30	21	26	2
CARBON	52	70	24	4
CARTER	15	11	4	1
CASCADE	861	860	324	56
CHOUTEAU	46	46	35	4
CUSTER	112	133	73	-
DANIELS	33	33	2	-
DAWSON	109	120	29	-
DEER LODGE	115	137	58	12
FALLON	25	30	4	-
FERGUS	122	136	33	7
FLATHEAD	438	466	189	9
GALLATIN	373	325	79	10
GARFIELD	15	9	1	-
GLACIER	78	79	51	5
GOLDEN VALLEY	7	6	1	1
GRANITE	19	20	3	2
HILL	187	177	55	1
JEFFERSON	38	37	16	4
JUDITH BASIN	13	15	7	-
LAKE	90	118	60	9
LEWIS & CLARK	405	415	133	14
LIBERTY	30	21	3	-
LINCOLN	169	164	79	6
MCCONE	16	13	1	-
MADISON	31	38	8	2
MEAGHER	27	26	5	-
MINERAL	24	31	11	1
MISSOULA	728	653	304	55
MUSSELSHELL	30	31	20	7
PARK	102	107	52	2
PETROLEUM	5	5	1	2
PHILLIPS	48	50	14	-
PONDERA	64	71	21	3
POWDER RIVER	18	15	4	-
POWELL	67	69	22	1
PRAIRIE	25	24	1	-
RAVALLI	123	134	48	4
RICHLAND	121	123	21	2
ROOSEVELT	127	130	43	4
ROSEBUD	53	55	17	1
SANDERS	43	46	25	2
SHERIDAN	72	72	5	-
SILVER BOW	406	384	185	21
STILLWATER	30	35	23	3
SWEET GRASS	32	34	5	2
TETON	51	61	9	3
TOOLE	92	90	18	2
TREASURE	5	5	6	-
VALLEY	114	113	36	-
WHEATLAND	24	22	10	-
WIBAUX	7	7	2	-
YELLOWSTONE	850	826	435	39

TABLE 19
MARRIAGE AND DIVORCE
MONTANA, 1944-1970

YEAR	MARRIAGES		DIVORCES AND ANNULMENTS	
	NUMBER	RATE*	NUMBER	RATE*
1944	6,433	11.2	1,745	3.1
1945	8,147	14.2	2,380	4.1
1946	12,974	22.4	3,212	5.6
1947	9,769	15.8	2,439	4.2
1948	7,131	12.2	2,090	3.6
1949	6,981	11.9	1,995	3.4
1950	7,235	12.2	1,951	3.3
1951	6,307	10.6	1,837	3.1
1952	6,410	10.6	1,989	3.3
1953	6,597	10.7	1,986	3.2
1954	6,575	10.5	1,966	3.2
1955	6,514	10.2	1,909	3.0
1956	6,770	10.3	1,985	3.0
1957	6,495	9.7	2,004	3.0
1958	6,142	9.2	2,023	3.0
1959	6,228	9.3	2,062	3.1
1960	5,883	8.7	2,003	3.0
1961	5,636	8.3	2,034	3.0
1962	5,051	7.1	1,932	2.7
1963	4,854	6.9	1,909	2.7
1964	4,556	6.5	1,981	2.8
1965	4,688	6.5	2,002	2.8
1966	4,914	7.0	2,087	3.0
1967	5,563	7.9	2,361	3.4
1968	6,250	9.0	2,592	3.7
1969	6,444	9.3	2,806	4.0
1970	6,919	10.0	3,047	4.4

* PER 1,000 ESTIMATED POPULATION.

TABLE 20
MARRIAGES BY MONTH OF OCCURRENCE
MONTANA, 1970

MONTH	NUMBER	PERCENT	MONTH	NUMBER	PERCENT
MONTANA, TOTAL	6,919	100.0	JUNE	1,036	15.0
JANUARY	371	5.4	JULY	636	9.2
FEBRUARY	348	5.0	AUGUST	917	13.3
MARCH	460	6.6	SEPTEMBER	671	9.7
APRIL	371	5.4	OCTOBER	526	7.6
MAY	422	6.1	NOVEMBER	461	6.7
			DECEMBER	700	10.1

TABLE 21
MARRIAGES BY AGE AND PREVIOUS MARITAL STATUS OF BRIDE AND GROOM
MONTANA, 1970

AGE	BRIDE					GROOM				
	TOTAL	PREVIOUS MARITAL STATUS				TOTAL	PREVIOUS MARITAL STATUS			
		SINGLE	WIDOWED	DIVORCED	NOT STATED		SINGLE	WIDOWED	DIVORCED	NOT STATED
TOTAL	6,919	5,336	342	1,239	2	6,919	5,383	246	1,285	5
UNDER 15	9	9	-	-	-	-	-	-	-	-
15-19	2,623	2,571	2	50	-	920	916	-	4	-
20-24	2,822	2,449	18	355	-	3,570	3,370	2	196	2
25-29	514	219	16	278	1	1,113	817	9	287	-
30-34	253	44	18	191	-	368	143	7	218	-
35-39	171	15	27	128	1	238	50	7	180	1
40-44	148	9	37	102	-	192	35	13	143	1
45-49	97	5	36	56	-	149	21	26	101	1
50-54	93	7	49	37	-	118	16	42	60	-
55-59	72	3	51	18	-	86	7	29	50	-
60-64	53	1	39	13	-	62	5	34	23	-
65-69	37	2	28	7	-	54	2	39	13	-
70-74	13	1	10	2	-	27	1	19	7	-
75 AND OVER	13	-	11	2	-	22	-	19	3	-
NOT STATED	1	1	-	-	-	-	-	-	-	-

TABLE 22
FIRST MARRIAGES* BY AGE OF BRIDE BY AGE OF GROOM
MONTANA, 1970

AGE OF GROOM	AGE OF BRIDE											
	TOTAL ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	4,866	8	2,429	2,228	160	23	5	6	1	2	3	1
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	901	6	810	83	2	-	-	-	-	-	-	-
20-24	3,154	2	1,481	1,630	37	3	-	-	-	1	-	-
25-29	677	-	124	455	39	6	-	-	-	1	1	1
30-34	90	-	11	48	22	9	-	-	-	-	-	-
35-39	19	-	3	8	7	1	-	-	-	-	-	-
40-44	14	-	-	3	3	2	3	3	-	-	-	-
45-49	4	-	-	-	-	1	1	1	1	-	-	-
50-54	3	-	-	-	-	1	1	-	-	-	1	-
55 AND OVER	4	-	-	1	-	-	-	2	-	-	1	-
NOT STATED	-	-	-	-	-	-	-	-	-	-	-	-

* FIRST MARRIAGE FOR BOTH BRIDE AND GROOM

TABLE 23
DIVORCES AND ANNULMENTS BY LEGAL GROUNDS FOR DECREE
MONTANA, 1970

TYPES OF DISSOLUTION AND LEGAL GROUNDS.	NUMBER
DIVORCES, TOTAL	2,742
EXTREME CRUELTY	2,597
DESERTION	104
NEGLECT	16
ADULTERY	15
CONVICTION OF A FELONY	9
OTHER	1
ANNULMENTS, TOTAL	309
FRAUD	287
FORMER MARRIAGE IN EFFECT	9
OTHER	13

TABLE 24
MARITAL DISSOLUTIONS* BY AGE OF HUSBAND AND BY AGE OF WIFE
MONTANA, 1970

AGE OF HUSBAND	AGE OF WIFE											
	TOTAL ALL AGES	UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55 AND OVER	NOT STATED
TOTAL, ALL AGES	3,051	-	175	877	614	384	311	269	168	98	126	29
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	34	-	26	8	-	-	-	-	-	-	-	-
20-24	592	-	118	442	28	4	-	-	-	-	-	-
25-29	650	-	22	330	258	28	7	1	1	2	-	1
30-34	465	-	6	58	222	139	34	4	1	-	-	1
35-39	380	-	1	20	64	139	117	27	10	1	1	-
40-44	309	-	1	14	26	53	93	91	22	7	1	1
45-49	245	-	-	1	6	15	46	96	60	14	7	-
50-54	153	-	-	2	5	4	9	39	40	37	17	-
55 AND OVER	194	-	1	2	3	2	5	11	32	36	99	3
NOT STATED	29	-	-	-	2	-	-	-	2	1	1	23

* INCLUDES BOTH DIVORCES AND ANNULMENTS

TABLE 25

MARITAL DISSOLUTIONS* BY NUMBER OF CHILDREN** BY AGE OF MOTHER

MONTANA, 1970

AGE OF MOTHER	NUMBER OF CHILDREN											
	TOTAL	NONE	1	2	3	4	5	6	7	8	9 OR MORE	NOT STATED
TOTAL	3,051	1,171	739	579	324	138	42	25	10	6	2	15
UNDER 15	-	-	-	-	-	-	-	-	-	-	-	-
15-19	175	82	83	9	-	-	-	-	-	-	-	1
20-24	877	333	327	164	43	9	1	-	-	-	-	-
25-29	614	174	122	169	103	27	9	6	3	-	-	1
30-34	384	99	49	76	79	50	13	10	4	3	-	1
35-39	311	88	48	70	53	30	12	4	2	2	2	-
40-44	269	107	51	48	33	17	4	3	-	1	-	5
45-49	168	91	29	30	11	3	-	2	1	-	-	1
50-54	98	67	17	9	-	-	1	-	-	-	-	4
55-59	64	55	9	-	-	-	-	-	-	-	-	-
60-64	41	39	-	-	-	-	-	-	-	-	-	2
65-69	16	16	-	-	-	-	-	-	-	-	-	-
70-74	3	3	-	-	-	-	-	-	-	-	-	-
75 AND OVER	2	2	-	-	-	-	-	-	-	-	-	-
NOT STATED	29	15	4	4	2	2	2	-	-	-	-	-

* INCLUDES BOTH DIVORCES AND ANNULMENTS

** NUMBER OF CHILDREN UNDER 18 YEARS OF AGE

TABLE 26

MARRIAGES BY RACE OF BRIDE AND GROOM

MONTANA, 1970

GROOM	BRIDE							
	TOTAL	WHITE	NEGRO	INDIAN	CHINESE	JAPANESE	HAWAIIAN	OTHER
TOTAL	6,919	6,657	12	243	-	1	1	5
WHITE	6,665	6,598	2	65	-	1	1	2
NEGRO	25	12	10	3	-	-	-	-
INDIAN	217	42	-	175	-	-	-	-
CHINESE	-	-	-	-	-	-	-	-
JAPANESE	3	3	-	-	-	-	-	-
HAWAIIAN	-	-	-	-	-	-	-	-
OTHER	5	2	-	-	-	-	-	3

MORBIDITY

TUBERCULOSIS
MEASLES
WHOOPING COUGH
RHEUMATIC FEVER
POLIOMYELITIS
OTHERS

Table 27

REPORTED CASES OF REPORTABLE DISEASES
Montana Counties, 1970
(By place of residence)

County	Asseptic Meningitis	Brucellosis	Diphtheria	Encephalitis, Infections		Hepatitis, Infectious and Serum	Malaria	Measles (Rubella)	Rubella (German Measles)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rabies		Rocky Mountain Spotted Fever	Salmonellosis			Shigellosis	Streptococcal Including Sore Throat Scarlet Fever	Tetanus	Trichinosis	Tuberculosis	Tularemia	Typhus Fever Endemic
				Primary and Unspecified	Post-Infectious								In Man	In Animals		Typhoid Fever	Other								
Montana, Total	10	1	8	20	4	183	10	111	344	3	827	63	0	0	1	45	2	60	82	3523	0	0	91	3	0
Beaverhead	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	
Big Horn	-	1	4	2	-	21	1	-	1	-	2	-	-	-	1	1	-	2	-	306	-	-	12	-	-
Blaine	1	-	-	-	1	-	-	5	-	-	-	2	-	-	-	-	-	-	-	51	-	-	-	-	-
Broadwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	1	-	-
Carbon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	1	-	-	-	1	-	-
Cascade	1	-	-	7	1	13	3	14	44	1	437	-	-	-	-	-	-	-	-	32	-	-	1	-	-
Chouteau	1	-	-	-	-	2	-	-	24	-	1	-	-	-	-	-	-	-	-	21	-	-	-	-	-
Custer	-	-	-	-	-	2	1	-	-	-	6	-	-	-	-	2	-	3	3	76	-	-	1	-	-
Daniels	-	-	-	-	-	1	-	1	4	-	4	-	-	-	-	-	-	-	-	99	-	-	2	-	-
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	133	-	-	-	-	-
Deer Lodge	-	-	-	-	-	2	1	-	29	-	2	10	-	-	-	-	-	-	-	472	-	-	9	-	-
Fallon	-	-	-	-	-	-	-	-	1	-	28	-	-	-	-	-	-	-	-	299	-	-	-	-	-
Fergus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	1	-	-
Flathead	2	-	-	-	-	-	-	-	4	-	95	-	-	-	-	1	-	4	-	11	-	-	-	-	-
Gallatin	-	-	-	-	-	1	-	-	18	-	26	-	-	-	-	2	-	2	-	370	-	-	1	-	-
Garfield	-	-	-	-	-	1	-	-	18	-	1	-	-	-	-	-	-	-	-	35	-	-	-	-	-
Glacier	-	-	-	-	1	-	-	48	-	-	-	3	-	-	-	-	-	-	-	136	-	-	3	-	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hill	4	-	-	2	-	2	1	1	38	-	80	1	-	-	3	-	2	2	3	126	-	-	3	1	-
Jefferson	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
Judith Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Lake	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lewis & Clark	-	-	-	1	-	1	1	2	29	-	10	-	-	-	-	-	12	2	2	127	-	-	2	-	-
Liberty	-	-	-	-	-	1	-	-	3	-	-	-	-	-	1	-	1	-	-	144	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	1	-	-	5	-	-	-	4	-	-	-	-	-	-	-	-	-	-
McCone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madison	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meagher	-	-	2	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	9	-	-	-	-	-

Table 27, Continued

REPORTED CASES OF REPORTABLE DISEASES

Montana Counties, 1970

(By place of residence)

County	Asplenic Meningitis	Brucellosis	Diphtheria	Encephalitis, Infections		Hepatitis, Infectious and Serum	Malaria	Measles (Rubella)	Rubella (German Measles)	Meningococcal Infections	Mumps	Pertussis (Whooping Cough)	Rabies		Rocky Mountain Spotted Fever	Salmonellosis		Shigellosis	Streptococcal Sore Throat Including Scarlet Fever	Tetanus	Trichinosis	Tuberculosis	Tularemia	Typhus Fever Endemic
				Primary and Unspecified	Post-infectious								In Man	In Animals		Typhoid Fever	Other							
Mineral	-	-	2	3	-	25	-	-	70	-	11	33	-	-	-	-	8	-	290	-	-	5	-	-
Missoula	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
Musselshell	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Pondera	-	-	-	-	-	2	-	-	16	-	15	-	-	-	-	-	-	-	38	-	-	4	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Powell	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ravalli	-	-	-	-	-	1	-	25	37	-	2	1	-	-	1	-	-	-	47	-	-	-	-	-
Richland	-	-	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-
Roosevelt	-	-	-	1	-	97	-	8	-	-	3	-	-	-	-	-	5	45	-	-	-	4	-	-
Rosebud	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-	21	415	-	-	2	-	-
Sanders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sheridan	-	-	-	-	-	-	-	-	-	-	12	12	-	-	-	-	-	-	1	-	-	-	-	-
Silver Bow	-	-	-	3	-	-	-	-	2	-	7	-	-	-	-	-	-	-	88	-	-	22	-	-
Stillwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-
Sweet Grass	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	-	-	-	-	-
Toole	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Treasure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wheatland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellowstone	1	-	-	-	-	3	-	-	2	1	11	-	-	-	-	12	-	70	-	-	-	3	-	2

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